

CA SiteMinder®

Web Agent Release Notes

r6.x QMR6



Third Edition

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Chapter 9: Documentation **157**

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Chapter 1: Welcome

Welcome to the CA SiteMinder Web Agent. This file contains product installation considerations, operating system support, known issues, and information about contacting CA Technical Support.

Chapter 2: New Features

This section contains the following topics:

[CA SiteMinder Agent for SharePoint Support](#) (see page 19)

[Support for Dynamic Policy Server Clusters](#) (see page 19)

[Support for HTTP v0.9 and 1.0 Requests without HOST headers](#) (see page 20)

[Web Agent Supports P3P Compact Headers \(86399\)](#) (see page 20)

[Logging of Semaphore and Shared Memory Messages in Apache Error Logs](#) (see page 20)

CA SiteMinder Agent for SharePoint Support

SiteMinder r6.0 SP6 supports CA SiteMinder Agent for SharePoint r12.0.

Note: For more information, see the CA SiteMinder Agent for SharePoint documentation.

Support for Dynamic Policy Server Clusters

In previous versions of SiteMinder, Web Agents did *not* automatically discover if a particular Policy Server had been added to or removed from a cluster. The Web Agents recognized the changes only after their respective web servers were restarted.

SiteMinder r6.0 SP6 supports dynamic Policy Server clusters. When dynamic Policy Server Clusters are enabled, Web Agents automatically discover any additions or removals of individual Policy Servers from an existing cluster.

Note: For more information, see the *SiteMinder Web Agent Installation Guide*.

Support for HTTP v0.9 and 1.0 Requests without HOST headers

SiteMinder Web Agents only accept HTTP version 1.1 requests, because HTTP versions 0.9 and 1.0 do not use HOST headers. This poses problems for some testing tools that do not send HOST headers, because the Web Agent rejects those requests.

SiteMinder r6.0 SP6 supports a new Agent Configuration parameter that lets you define a HOST header value. The Web Agent uses this value in any request that does *not* contain a HOST header.

Note: For more information, see the *Web Agent Guide*.

STAR Issue: 18452990:2

Web Agent Supports P3P Compact Headers (86399)

Valid on re-architected Apache 2.0, 2.2 and re-architected SunOne Agents

The Web Agent now supports P3P Compact Headers.

To support P3P Compact Headers, do the following tasks:

1. For Apache web servers, configure your web server for custom headers first.
2. Change the value of the appropriate SiteMinder Web Agent configuration parameters.

Note: For more information, see the *Web Agent Guide*.

Star Issue: 18021259:2

Logging of Semaphore and Shared Memory Messages in Apache Error Logs

Apache Web Agents can now provide more-precise control over which types of log messages (such as error or info messages) are recorded about how the Agent uses semaphores and shared memory segments in the Apache web server error logs.

STAR Issues: 18274952:01, 18372041:01, 18421939:01

Note: For more information, see the *Web Agent Guide*.

Chapter 3: System Requirements

For a list of system requirements, see the *Web Agent* Installation Guide.

Chapter 4: Operating System Support

For a list of supported platforms:

1. Log in to the [Technical Support](#) web site.
2. Search for the SiteMinder Platform Matrix.

Note: Some platforms supported in previous releases may no longer be supported. For more information on required service packs or patches, see the *Web Agent Installation Guide*.

Chapter 5: Installation and Upgrade Considerations

This section contains the following topics:

[Windows Server 2008 System Considerations](#) (see page 25)

[Upgrades and Microsoft Visual Studio](#) (see page 26)

[Upgrading a Collocated Policy Server and Web Agent](#) (see page 27)

[Verify HP-UX Patch Level to Install a SiteMinder Component](#) (see page 27)

Windows Server 2008 System Considerations

For Windows Server 2008, the User Account Control feature helps prevent unauthorized changes to your system. When the User Account Control feature is enabled on the Windows Server 2008 operating environment, prerequisite steps are required before doing any of the following tasks with a SiteMinder component:

- Installation
- Configuration
- Administration
- Upgrade

Note: For more information about which SiteMinder components support Windows Server 2008, see the SiteMinder Platform Support matrix.

To run SiteMinder installation or configuration wizards on a Windows Server 2008 system

1. Right-click the executable and select Run as administrator.
The User Account Control dialog appears and prompts you for permission.
2. Click Allow.
The wizard starts.

To access the SiteMinder Policy Server Management Console on a Windows Server 2008 system

1. Right-click the shortcut and select Run as administrator.
The User Account Control dialog appears and prompts you for permission.
2. Click Allow.
The Policy Server Management Console opens.

To run SiteMinder command–line tools or utilities on a Windows Server 2008 system

1. Open your Control Panel.
2. Verify that your task bar and Start Menu Properties are set to Start menu and *not* Classic Start menu.
3. Click Start and type the following in the Start Search field:

 Cmd
4. Press Ctrl+Shift+Enter.

 The User Account Control dialog appears and prompts you for permission.
5. Click Continue.

 A command window with elevated privileges appears. The title bar text begins with Administrator:
6. Run the SiteMinder command.

More information:

[Contact CA Technologies](#) (see page iii)

Upgrades and Microsoft Visual Studio

Valid on Windows

SiteMinder r6.0 SP6 components are compiled using Microsoft Visual Studio® 2005 (VC 8). Consider the following:

- Previous versions of SiteMinder were compiled using Microsoft Visual Studio 2003 (VC 7). Although we expect that all custom code compiled with Microsoft Visual Studio 2003 (VC 7) to continue to work, we recommend testing all custom code with SiteMinder r6.0 SP6.
- If you are using layered products, we recommend referring to the respective Platform Support Matrix to determine if the product is certified with SiteMinder r6.0 SP6. Examples of layered products include the following:
 - Application server agents
 - ERP agents
 - Advanced Password Services
 - The Secure Proxy Server
 - Identity Manager

Upgrading a Collocated Policy Server and Web Agent

Valid on Windows

Symptom:

If a Policy Server and Web Agent are installed to the same host system, after you upgrade the Policy Server, the IIS web server fails to start and an error is logged in the Event Viewer.

Solution:

Upgrade the Web Agent. The IIS web server starts after you upgrade the Web Agent.

Verify HP-UX Patch Level to Install a SiteMinder Component

The SiteMinder installers for r6.0 SP6 require Java 1.6. If you want to install a SiteMinder component on a system that uses the HP-UX operating environment, do the following:

1. Go to the HP [Software Depot](#) web site.
2. Search the Software Depot for the following item:
JDK, JRE, and Plug-In 6.0.x Downloads and Documentation
3. Verify that your system contains the correct prerequisites.

Chapter 6: Known Issues

This section contains the following topics:

[Known Issues for Web Agent 6.x QMR 5](#) (see page 29)

Known Issues for Web Agent 6.x QMR 5

Set the LD_LIBRARY_PATH Variable on the IBM HTTP Server 7.0 Before Configuring a Web Agent (112051,111746, 116807)

Valid on UNIX/Linux

Symptom:

When I try to start my IBM HTTP Server 7.0, I receive an error message that resembles the following:

```
httpd: fatal: relocation error: file /netegrity/webagent/bin/  
referenced symbol not found
```

Solution:

Before you run the Web Agent Configuration wizard to configure an IBM HTTP Server 7.0, set the LD_LIBRARY_PATH variable as shown in the following example:

```
LD_LIBRARY_PATH=home_directory_of_your_IHS_7.0_server/lib
```

Missing Patch Warning for Apache Web Servers Running on HPUX 11i

When you run the Web Agent Configuration Wizard on an Apache Web Server running HPUX 11i, the Wizard checks for the linker and loader cumulative patch PHSS_26560. For loader versions higher than B.11.32, the Wizard displays an error message that the patch is missing; however, the patch is not required. This patch is only required when the ld and libld versions are less than B.11.32.

More information about patch PHSS_26560 can be found at the HP web site <http://docs.hp.com/en/5991-2805/apbs07.html>.

Agent Installation Does Not Terminate When there is Insufficient Disk Space (26152)

Symptom:

If the InstallAnywhere program encounters an insufficient disk space warning when you try to install a Web Agent on a UNIX or Windows platform, the InstallAnywhere proceeds with the installation instead of exiting.

Solution:

Ensure the installer has enough room to extract the installation files by doing the following tasks:

1. Create an environment variable named IATEMPDIR
2. Set the value of the IATEMPDIR variable to a folder/directory that has enough room for the installer to extract the files.
3. Run the installation.

Note: This issue affects Web Agents installed on UNIX or Windows.

When Accessing Protected Resources, the Domino Server Crashes and Generates an NSD (43913)

Symptom:

When accessing resource protected with any X.590-based Authentication Schemes on Domino 6.5.3/SuSe8 Linux, the Domino Server Crashes and generates an NSD.

Solution:

To resolve this issue, set the following environment variable before starting the Domino Web Server:

```
export LD_PRELOAD=/usr/lib/libstdc++-libc6.2-2.so.3
```

Oracle HTTP 10.1.3.0.0 (Apache 2.x) on AIX 5.3 - WebServer Fails to Stop Using opmnctl stopall (54628)

Valid on AIX

Symptom:

Oracle HTTP 10.1.3.0.0 (Apache 2.x) on AIX 5.3 - WebServer fails to stop using opmnctl stopall when configured with the Web Agent.

Solution:

To run the Web Agent successfully on Oracle HTTP Server, set LIBPATH and PATH variables to *<webagent bin folder>* in the apachectl script. When the PATH environment variable is set to the WebAgent path in the apachectl file, then the server fails to stop with opmnctl. This issue is due to an issue with Oracle HTTP Server. On setting PATH to *<webagent bin folder>* and the path of the cat utility (for example, /usr/bin), Oracle HTTP Server stops properly.

Oracle 10.1.3.0.0 (Apache 2.x) on AIX 5.3 - On Accessing Protected Resource, an Error Encountered (54654)

Valid on AIX

Symptom:

Oracle 10.1.3.0.0 (Apache 2.x) on AIX 5.3 - On accessing the protected resource with client Cert-based SSL authentication schemes, the Cannot Find Server error is displayed on Cancelling the Cert challenge. The behavior is the same irrespective of the Cert-based SSL authentication scheme used to protect the resource.

Solution:

This issue can be resolved by modifying a setting in ssl.conf. The default entry in ssl.conf file is as follows:

```
SetEnvIf User-Agent "MSIE"\  

```

Changing the previous entry to the following:

```
SetEnvIf User-Agent ".*MSIE.*"\  

```

Red Hat Apache 2.0.52 Installed on Linux 4.0 Fails to Load Agent Module (55914)

Symptom:

Red Hat Apache 2.0.52 installed on Linux 4.0 fails to load the agent module `libmod_sm20.so` when 6.x QMR5 Web Agent is configured with the server, and the environment variables are set.

Solution:

This is an issue with the SELinux policy settings. Disable these settings for the HTTPD daemon process as follows:

1. Select Applications from the Start menu bar.
2. Navigate to System Settings, Security Level.
3. Select the SELinux tab, and under Modify SELinux Policy, expand the HTTPD service tag.
4. Check the flag Disable SELinux protecting for httpd daemon process.
5. Restart the HTTPD service.

Multiple obj.conf Files and nete-wa-config (18615, 56424)

Symptom:

Prior to Sun ONE/Sun Java System v6.0, all configuration information went into a single obj.conf file. For Sun ONE/Sun Java System v6.0, the mechanism to configure virtual servers changed. You can configure one or more new classes, and virtual classes in the instance.

By default, a new server instance has one virtual server class, named default class, whose configuration file is obj.conf.

Each additional class in the instance has an administrator-assigned name. The process of creating a new class and a virtual server within the class in the instance creates an associated configuration file, named *new_class*.obj.conf, by default. Normally, *new_class* is the name of the virtual server class, but you can configure the server to use a different name. The mappings between the configuration files and virtual server classes is done in the server.xml file.

Running the Web Agent configuration script, nete-wa-config, updates the obj.conf file; however, the AuthTrans, NameTrans, and PathCheck directives, and Service lines, are not written into *new_class*.obj.conf files.

Solution:

Update a *new_class*.obj.conf file manually, by copying the AuthTrans, NameTrans, and PathCheck directives, and Service lines, from obj.conf to the top section of *new_class*.obj.conf.

Note: To find these lines easily, you can run a "diff" program on the obj.conf and newclass.obj.conf files after running the Agent configuration script.

Apache Server Initializes Twice and Log Files are Duplicated (54468,54242)

Valid on AIX 5.2 and Solaris 10

Symptom:

When my Apache server starts, the Web Agent initializes twice, and my Web Agent and Trace logs are duplicated.

Solution:

This is normal behavior for Web Agents running on the following servers:

- IHS1.3.28.1 (on AIX 5.2)
- Apache web server version 1.3.3.4 (on Solaris 10)

Blank Screen Appears After Password Change of a Japanese User (44523, 57253, 57673)

Symptom:

When password policies on the User Directory are configured for CGI redirection on the Japanese platforms of Windows Server 2003 and HP-UX 11i, Japanese users who change their passwords will see a blank screen after the password is changed instead of the usual confirmation message, "Successful user password change." The confirmation message appears correctly for English users of the Japanese Windows Server 2003 and HP-UX 11i platforms.

Solution:

The password change succeeds for Japanese users, despite the blank confirmation screen.

Chapter 7: Defects Fixed

This section contains the following topics:

[Defects Fixed in 6.x QMR 6](#) (see page 35)

[Defects Fixed in 6.x QMR 5](#) (see page 47)

[Defects Fixed in 6.x QMR 4](#) (see page 106)

[Defects Fixed in 6.x QMR 3](#) (see page 118)

[Defects Fixed in 6.x QMR 2](#) (see page 130)

[Defects Fixed in 6.x QMR 1](#) (see page 143)

Defects Fixed in 6.x QMR 6

This section contains defects that were fixed in SiteMinder r6.0 SP6.

ADAM User Stores Mistaken for Active Directory User Stores (100598/115558)

Symptom:

An ADAM user store was mistaken for an Active Directory user store.

Solution:

This issue is fixed.

STAR Issue: 18783667:01

Apache Connections Got Stuck (97610, 109553)

Symptom:

Apache 2.2.11 connections got stuck sending smpwservices.fcc responses.

Solution:

This is no longer an issue.

STAR Issue: 18590683-1

BadQueryChars Parameter Documentation (110008)

Symptom:

The documentation did not include a valid example of how to block URL–encoded characters in queries.

Solution:

This issue is fixed.

Note: For more information, see the *Web Agent Guide*.

STAR Issue: 18901335:01

Date and Time Stamps Not Appearing in Web Agent Trace Logs on z/OS (112397, 113579)

Symptom:

Date and time stamps are not being associated with entries in Web Agent trace logs on z/OS.

Solution:

This is no longer an issue.

STAR Issue: 19091520

Domino Agents Crashed while Testing for Cross-Site Scripting Protection (110165, 111827)

Symptom:

The Web Agent for Domino crashed during testing for cross-site scripting-protection.

Solution:

This issue is fixed.

STAR Issue: 18960481:01

dynamicRetry.fcc Returned Incorrect Error Message when User Provided Wrong Credentials (109312, 111178)

Symptom:

If a user submitted the wrong credentials to the dynamicRetry.fcc form, the credential collector returned the following error message:

(SMERROR=00-0010)

Solution:

This issue is fixed.

STAR Issue: 18916266:01

Enabling TargetAsRelativeURI can cause Password Services to Fail (112264)

Symptom:

If a cookie provider was configured and the TargetAsRelativeURI Web Agent ACO parameter was enabled, the Change Password feature of Password Services failed.

Solution:

This issue is fixed.

STAR Issue: 19087108

GUI Configuration not Working for 64-bit Apache Server on 64-bit Red Hat (110870, 114964)

Valid for Apache 64-bit web servers on 64-bit Red Hat operating environments

Symptom:

The Web Agent configuration wizard fails with a permissions error when GUI mode is used.

Solution:

This issue is fixed.

STAR Issue: 18810553:01

HandleCount Not Getting Updated Properly (73074)

Symptom:

Server Wait Queue statistics contained Handle count, busy handle count, and free handle count attributes. The HandleCount attribute was not getting updated properly

Solution:

The HandleCount attribute is now updated correctly. The Busy and FreeHandleCount attributes are not relevant for the Server Wait Queue statistics.

STAR Issue: 17323827;01

IIS Web Server Logs Show OK Status [Code 200] when SiteMinder Agent Redirects [Code 302] to an FCC Login Form (110723, 110668, 115698)

Valid on Windows

Symptom:

When a SiteMinder Agent redirected a user to an FCC login form, the log for the IIS web server showed an HTTP status code of 200 (OK) instead of the expected HTTP status code of 302 (redirect).

Solution:

This issue is fixed.

STAR Issue: 19011116:01

Incorrect Number of Semaphore Identifiers in Web Agent Installation Guide (100241/100237)

Valid on Solaris

Symptom:

Previous versions of the Web Agent Installation Guide *incorrectly* recommended 10 semaphore identifiers for the semsys:seminfo_semmni setting instead of 11.

Solution:

The Web Agent Installation Guide was updated.

STAR Issue: 18791989:01

Incorrect ProxyTrust Parameter Description for Domino Agents (100081)

Symptom:

Previous versions of the SiteMinder Web Agent Guide contained the following *incorrect* statement about the ProxyTrust parameter:

Note: Domino Web Agents ignore the ProxyTrust setting.

Solution:

The Domino Web Agents use the ProxyTrust setting. The Web Agent Guide has been corrected.

STAR Issue: 18628347:02

Trying to Change Passwords Returns Code 500 Error (90366, 87697)

Symptom:

Users receive a code 500 browser error when they try to change their passwords using FCC-based password services.

Solution:

Add the smencode directive to the password change URL in your FCC login form. For more information, see the *Web Agent Guide*.

STAR Issue: 18169410:01

Password Expiration Reminder Functionality Fails with SecureURLs Parameter Enabled (110455, 112634)

Symptom:

If the SecureURLs configuration parameter was enabled, users were not redirected correctly after clicking Remind me later on the password change page.

Solution:

This issue is fixed.

STAR Issue: 18987878-1

Red Hat Enterprise Linux Web Agent Documentation Prerequisite (110951)

Symptom:

The *Web Agent Installation Guide* did not list the Red Hat Legacy Software Development tools as a prerequisite to installing a Web Agent on Red Hat Enterprise Linux.

Solution:

This issue is fixed.

STAR Issue: 19016136-01

Override HTTP Host Header Requirement (97175, 109591, 113476)

Symptom:

SiteMinder rejects HTTP 0.9 and 1.0 requests that do not contain a HOST header.

Solution:

Add the DefaultHostName configuration parameter to your Web Agent. For more information, see the *Web Agent Guide*.

STAR Issue: 18452990:02

More information:

[Support for HTTP v0.9 and 1.0 Requests without HOST headers](#) (see page 20)

SunOne Server Modified Incorrect Config File (97473)

Symptom:

The SunOne 7.x Web Server modified the incorrect obj.conf file during agent configuration.

Solution:

This is no longer an issue.

STAR Issue: 18654848

TargetAsRelativeURI Parameter not working with Integrated Windows Authentication (IWA) Scheme

Symptom:

When the value of the TargetAsRelativeURI parameter was set to yes, the Web Agent redirected to the credential collector with a fully-qualified domain name as the target. The Web Agent would reject the target, and the following error appeared in the Web Agent trace log:

[Invalid Target found in the URL]

Solution:

This issue is fixed.

STAR Issue: 18876346:01

Traditional Web Agents Crashing Intermittently (97558, 101701)

Symptom:

Traditional Web Agents crash intermittently.

Solution:

This is no longer an issue.

STAR Issue: 18656331-1

Unnecessary Procedures for Agent Installation on 64-bit Suse Linux 10 (93162/93341)

Symptom:

The *Web Agent Installation Guide* contained instructions for using a Novell Script on any 64-bit Suse Linux 10 system for Agent installation. These instructions are no longer necessary.

Solution:

The following sections have been removed from the *SiteMinder Web Agent Installation Guide r6.0 SP6*:

- Run a GUI Mode Installation on 64-bit Suse Linux 10
- Run a Console Mode Installation on 64-bit Suse Linux 10

ValidTargetDomain Parameter Settings not Enforced (110418, 115549)

Symptom:

The Web Agent re-directed users to URLs that were not specified in the ValidTargetDomain parameter.

Solution:

This issue is fixed.

STAR Issue: 18957629:04

Web Agent Configuration Wizard Fails During Configuration of IIS7 (113686)

Symptom:

The Web Agent Configuration Wizard fails during configuration of IIS7 with the following error message: "ERROR - Unable to create new file: %SystemDrive%\inetpub\wwwroot\web.config."

Solution:

This issue has been fixed.

STAR Issue: 19170995;1

Documentation Does Not Describe How to Set Web Agent Environment Within apachectl Script for Manual Web Agent Installations (112481)

Symptom:

The procedures for manual installation of Apache Web Agents on UNIX platforms in the *Web Agent Installation Guide* do not describe how to set Web Agent environment variables by sourcing nete_wa_env.sh from within the apachectl script.

Solution:

This problem has now been fixed. See the topic named "Set Web Agent Variables when using apachectl Script" in the *Web Agent Installation Guide*.

STAR Issue: 19103253

Wrong Location for the nete-install-history.log File on AIX 5.3 (59027)

Symptom:

The wrong path is specified for the nete-install-history.log file for the Web Agent Installation.

Solution:

Added topic that explains location and contents of the log file in the *Web Agent Installation Guide r6.0 SP 6*.

Web Agent Configuration Corrupted after Web Application Server Plug in Installed (99113, 114676)

Valid on IIS 7.0

Symptom:

Installing the Web Application Server plug in on an IIS 7.0 Web Agent corrupted the Web Agent configuration settings, and prevented the IIS 7.0 web server from starting.

Solution:

This issue is fixed.

STAR Issue: 18680407:1

Length of BadURLChars Parameter Values Kept Web Agent from Starting (97239, 99571, 99447)

Symptom:

The Web Agent could not start due to the number of values in the BadURLChars parameter.

Solution:

This issue is fixed. The *Web Agent Guide* now mentions the maximum number of characters allowed in the value of the BadURLChars parameter.

STAR Issue: 18617676:02

URL Incorrectly Decoded When login.jsp Page does a POST to an FCC Login Form (99475, 113172)

Symptom:

URLs containing the following encoded string were not decoded properly by the Web Agent when a login.jsp page performed a POST request to an FCC login form:

```
%EA%B2%80%EC%83%89
```

Solution:

This issue is fixed.

STAR Issue: 18640118:01

Update 78560 Prevents Use of Parameters in WebAgent.conf (90641/92184)

Symptom:

Update 78560 in SiteMinder Web Agent 6.0 QMR5 CR24 implemented white-list parsing so that *only* recommended agent parameters could be loaded locally from the WebAgent.conf file; others could only be read from Local Config.conf.

This fix in SiteMinder Web Agent 6.0 QMR5 CR24 prevented other parameters set in WebAgent.conf file from being loaded, even in environments in which the WebAgent.conf file used the following setting:

```
localconfigfile=WebAgent.conf.
```

Solution:

This issue has been fixed. If the localconfigfile is set to the location of the WebAgent.conf file, or not configured, *all* agent configuration parameters configured in WebAgent.conf are read.

Note: This configuration is it is *not* recommended; it is supported only for backward compatibility. If you do not need backward compatibility with SiteMinder Web Agent 6.0 QMR5 CR24, set your Local configuration parameters in a *separate* LocalConfig.conf file.

STAR Issue: 18368588:1

Web Agent Trace Log Error Message Looping Causing Application Outage (113333, 113381)

Symptom:

The Web Agent is repeatedly reporting the same error message in an endless, ultimately leading to application outages.

Solution:

This issue has been fixed.

STAR Issue: 19075612-01

Documentation Updated for the IdleTimeoutURL (98502)

Symptom:

The documentation should have stated that the IdleTimeoutURL in only for non-persistent sessions.

Solution:

This Web Agent Guide has been updated.

STAR Issue: 18666499-01

Documentation for IgnoreURL Agent Configuration Parameter is Incorrect (14750)

Symptom:

The Web Agent Configuration Guide incorrectly states that a fully qualified URI is required when specifying the IgnoreURL agent configuration parameter. Nonqualified URIs are acceptable.

Solution:

The r6.0 SP6 *SiteMinder Agent Configuration Guide* has been updated to remove the following text from the IgnoreURL parameter description: "Limits: Use a fully qualified URL" and revise the examples shown to include the proper syntax for adding a URI only.

STAR Issue: 19229385-1

Traditional Agent with Framework Agent as Cookie Provider (98688, 101704)

Symptom:

When a traditional agent was configured with a framework agent as a cookie provider, there were no updates back to the traditional agent, and the traditional agent timed out.

Solution:

This issue has been fixed.

STAR number: 18696800

Web Agent Not Supporting UTF-8 Character Sequence Checking (99941,101703)

Symptom:

The Web agent was not supporting UTF-8 character sequence checking for characters existing in URL in the parsers meant for bad CSS character checking.

Solution:

This issue has been fixed.

STAR issue: 18617330-1

Defects Fixed in 6.x QMR 5

This section contains defects that were fixed in SiteMinder 6.x QMR 5.

Fixed inode Value Used for Interprocess Communications (69355)

Symptom:

The Web Agent used the inode value of a fixed file to create its keys for interprocess communication. This created possible clashes which prevented NFS mounted configurations from being deployed.

Solution:

This is no longer an issue. NFS mounted configurations are now supported.

STAR Issue: 17070032:1

Apache Agent Goes Into Endless Loop When NTLM Authentication Fails (41685)

Valid on re-architected Apache 2.0 agents

Symptom:

The Apache Web Agent goes into an endless loop when NTLM authentication fails and fccompatmode is set to YES.

Solution:

This is no longer an issue.

Web Agent Extracts the First 15 characters from the CustomIpHeader, Opening a Security Risk (42848)

Symptom:

A Web Agent extracts the first 15 characters from the CustomIpHeader, opening a security risk in the customer's proxy environment.

Solution:

This is no longer an issue.

Cookie Provider Allows Unauthorized Access (44103)

Valid on Windows and Solaris

Symptom:

When a Web Agent is using a cookie provider, if you take the URL of the redirect from the Web Agent log and paste it into a new browser, you will gain access. If you use SecureURLs and paste the URL from the Web server access log into the browser, you will gain access.

Solution:

This is no longer an issue.

Problems with User Initiated Password Change When SecureURLs Are Enabled (46054)

Symptom:

With the design of user-initiated password change, the functionality does not create an encrypted target / query string, and thus is incompatible with a SecureURLs setting.

Solution:

This is no longer an issue.

Web Agent Gives Cookie Error After Session Timeout Occurs (46239)

Valid on re-architected Apache Agents

Symptom:

After session timeout occurs (idle or max timeout expires), on trying to access the resource in same browser session, the Web Agent gives a cookie error instead of challenging the user for credentials.

Solution:

This is no longer an issue.

Provide SSO Support for Non-browser Clients (46779)

Symptom:

SSO was not supported for non-browser clients.

Solution:

HTML Form schemes that collect Basic (username and password) credentials can now be configured to authenticate non-browser HTTP clients. These clients can be in the form of Perl scripts, C++, Java programs that have the ability to communicate using the HTTP protocol. This functionality is enabled through the Administration user interface. When enabled, SiteMinder will attempt to authenticate using Basic credentials only if they are sent with the initial request as part of the Authorization header. If they are absent, SiteMinder redirects to the Forms as normal. If the Basic credentials are present but invalid, SiteMinder returns 401 Unauthorized.

Errors Occur Due to Attempts to Backup Non-existent Directories (47175)

Symptom:

During the Web Agent install of SiteMinder 6.0 QMR 3, errors are logged in the installer log file. The errors are the result of the agent installer trying to make a backup of directories which do not exist.

Solution:

This is no longer an issue.

Cookie Provider and Credential Collector Cannot Be in the Same Domain (47225)

Valid on Domino

Symptom:

Cookie Provider and Form/NTLM Credential Collector cannot be in the same domain.

Solution:

This is no longer an issue.

User Not Authenticated When Providing Valid Credentials on the SMRETRIES + 1 Attempt (47301)

Symptom:

The user is not authenticated when providing valid credentials on the SMRETRIES +1 attempt.

Solution:

This is no longer an issue.

Memory Leak Related to Post Data (47363)

Symptom:

iPlanet on Solaris 2.8 and 2.9 are leaking quite heavily when doing DCC Auth with no response.

Note: This issue affected Domino, SunOne, IIS 5.0, and Apache agents only.

Solution:

This is no longer an issue.

Compatibility Issues Between Web Agent and Secure Proxy Server Component of TransactionMinder (47492)

Valid on Framework Agents

Symptom:

There are compatibility issues between the Web Agent and Secure Proxy Server (SPS) component of TransactionMinder.

Solution:

This is no longer an issue.

OnAuthAttempt Rules Do Not Fire When Directly Accessing a Protected Resource (47513)

Symptom:

OnAuthAttempt Rules do not fire when directly accessing a resource protected with a SAML Auth Scheme on IIS 6.0.

Solution:

This is no longer an issue.

Web Agent Does Not Log username with Invalid Login Attempt and fcccompatmode=NO (47572)

Valid on Framework Agents

Symptom:

The 5x Web Agents do not log the same information for invalid login attempts with fcccompatmode set to NO instead of YES.

Solution:

This is no longer an issue.

User Re-Challenged with login.fcc Rather Than Custom Forms login.html (47935)

Valid on Framework Agents

Symptom:

When an HTML page posts to an FCC with invalid credentials, the Web Agent re-challenges the user using login.fcc instead of custom forms login.html.

Solution:

This is no longer an issue.

Users Not Authenticated Properly When Web Agent Installed on Same Machine as Windows Domain Controller (48057)

Valid on IIS 6.0 Agents

Symptom:

Users are not authenticated properly when a Web Agent is installed on the same machine as the Windows domain controller.

Solution:

This is no longer an issue.

Web Agent Configuration Wizard Shows the Incorrect Domino Version (48085)

Valid on Domino

Symptom:

On trying to configure a Domino 7 Web server with Web Agent 6.x QMR 3, the Web Agent Config Wizard shows the version of Domino as "Lotus Domino 6.0" rather than "Lotus Domino 7.0".

Solution:

This is no longer an issue.

Domino Web Agent Not Properly Stripping SiteMinder Query Parameters (48113)

Valid on Domino

Symptom:

Domino Web Agent not properly stripping SiteMinder added query parameters for NTC (NTLM) and SFCC redirects.

Solution:

This is no longer an issue.

Cannot Resolve Agent Name When Default Ports Are Added to the Hostname (48258)

Valid on Framework Agents

Symptom:

When a 6.x Web Agent is configured with any Web server that is running on default ports and the Agent Name is listed in the Agent Configuration Object with the default port appended to the hostname, the agent could not resolve the Agent Name.

Solution:

This is no longer an issue.

Web Agent Not Displaying Password Change Confirmation Page (48313)

Valid on IIS 6.0 Agents

Symptom:

With a cookie provider, and constructfullpwsvcurl set to YES, the Web Agent does not properly display the password change confirmation page when a password change is required.

Solution:

This is no longer an issue.

Domino Web Agent Not Handling Accented Characters in Usernames Properly (48364)

Valid on Domino

Symptom:

Domino Web Agents are not handling accented characters in usernames properly.

Solution:

This is no longer an issue.

Domino Web Agent Returning a URL Resolution Error (48560)

Valid on Domino

Symptom:

Domino Web Agents are returning a URL resolution error when the .nsf file has URLs that contain a '/' in the URL.

Solution:

This is no longer an issue.

Agent Framework Response Manager Does Not Always Allow All Configured Plug-ins to Process Policy Server Responses (48706)

Valid on Framework Agents

Symptom:

The Agent Framework Response manager does not always allow configured plug-ins to process policy server responses.

Solution:

This is no longer an issue.

Memory Growth/Leak HTTPD Child Process, Which Will Result in Crash When VM Size Gets Over 3.1 GB (48844)

Valid on re-architected Apache Agents

Symptom:

Memory growth/leak HTTPD child process, which will result in a crash when VM size gets over 3.1 GB.

Solution:

This is no longer an issue.

SAML 2.0/1.1 Not Working with Win2K3/IIS 6.0 Web Agent (48858)

Valid on IIS 6.0 Agents

Symptom:

SAML 2.0/1.1 is not working with IIS 6.0 Web Agents running on Windows Server 2003 operating systems.

Solution:

This is no longer an issue.

Erroneous Apache Error Log Message "CSmSem::getSem - Path is empty or not defined" (48897)

Valid on re-architected Apache 2.0 Agents

Symptom:

During LLAWP startup, erroneous Apache error log message occurs: CSmSem::getSem - Path is empty or not defined. Attempting to use PWD =

Solution:

This is no longer an issue.

"500 Internal Server" Error Encountered When User Accesses Protected Resource (51508)

Valid on Traditional Web Agents

Symptom:

Traditional Web Agent gives a "500 Internal Server" error when a user accesses a protected resource using forms authentication and gives the wrong credentials the first time followed either by correct or incorrect credentials the second time with SecureUrls="yes" and EncryptAgentName="yes".

Solution:

This is no longer an issue.

Web Agent Seg Faults When Request Is Made for File with .ccc Extension (51518)

Valid on Framework Agents

Symptom:

Web Agent abnormally terminates when a request is made for a file with a .ccc extension and information necessary to process a .ccc request is not present and logging or tracing is enabled.

Solution:

This is no longer an issue.

nete_wa_env.sh Contains Two Invalid Paths: \${NETE_WA_ROOT}/lib and \${NETA_WA_ROOT}/bin/thirdparty (51532)

Symptom:

The nete_wa_env.sh script contained two invalid paths: \${NETE_WA_ROOT}/lib and \${NETA_WA_ROOT}/bin/thirdparty, which were appended to LD_LIBRARY_PATH.

Solution:

This is no longer an issue.

Agent Trace Logs Display Incorrect URL in Cookie Provider Logs (51621)

Symptom:

The agent trace logs now display the correct URL in the cookie provider logs for both SecureURLS=YES and SecureURLS=NO.

Solution:

This is no longer an issue.

x509 Certificate Step Up Authentication Does Not Redirect Properly (51664)

Valid on Framework Agents

Symptom:

x509 certificate Step Up Authentication redirects properly when using an onAccess OnReject-Redirect Response.

Solution:

This is no longer an issue.

Request to Redirect to the Cookie Provider When Accessing an Unprotected Resource (51826)

Valid on Framework Agents

Symptom:

IIS 6.0 and re-architected Apache 2.0 agents redirected to the cookie provider even when accessing an unprotected resource.

Solution:

The configuration parameter "ignorecpfornotprotected" has been added.

Note: For more information, see the *SiteMinder Web Agent Guide*.

Web Agent Configuration Tool Flaw When Attempting to Configure Web Instances (51872)

Valid on SunOne, iPlanet and Sun Java System Agents

Symptom:

The Web Agent configuration tool does not allow you to de-select a Web server instance.

Solution:

This is no longer an issue.

On Refreshing a Session, Authorization of User Comes from Policy Server Instead of Cache (51939)

Valid on IIS 5.0, Domino, Apache 1.3, and IPlanet Agents

Symptom:

On refreshing a valid user session, user authorization comes from the Policy Server instead of the cache.

Solution:

This is no longer an issue.

Failure To Get High Performance Counter (52001)

Valid on UNIX

Symptom:

An error is encountered when trying to get the high performance counter: "[ERROR] Failed to get high performance counter, switching to a regular performance counter."

Solution:

This is no longer an issue.

Framework Web Agent on Windows Crashes Due to Stack Overflow (52028)

Symptom:

Due to enhancements made in the common/smerrlog module in the Policy Server, the Web Agent crashes with stack overflow.

Solution:

This is no longer an issue.

Framework Web Agent Should Not Allow A Re-direct to Cookie Provider on POST (52208)

Valid on Framework Agents

Symptom:

The Web Agent allowed re-directs to the cookie provider even when the POST method was used.

Solution:

A new agent configuration parameter called LegacyCookieProvider has been introduced to control re-direction.

Note: For more information, see the *SiteMinder Web Agent Guide*.

IIS 6.0 Agent Not Always Setting the P3P Header When P3PCompactPolicy is set to YES in the ACO (52222, 51736)

Valid on IIS 6.0 Agents

Symptom:

When the ACO parameter P3PCompactPolicy is set to YES, the agent does not always properly return the P3P header. It is returned on requests that result in a 200 response from the Web Server, with exception to the rendering of an fcc file, and does not set the header when a 302 redirect is returned to the client.

Solution:

This is no longer an issue.

Issue with Retrieval of SSL Certificates (52341)

Valid on re-architected Apache Agents

Symptom:

There was an issue with the retrieval of SSL certificates. Third-party SSL accelerators were not working properly in the SiteMinder environment.

Solution:

This is no longer an issue.

Framework Agents Do Not "URL encode" SMSESSION Query Parameter (52342)

Valid on Framework Agents

Symptom:

When functioning as a cookie provider, the IIS 6.0 Web Agent does not "URL encode" the SMSESSION parameter in URL for the returning redirect.

Solution:

This is no longer an issue.

User Is Not Presented with Change Password Screen (52351)

Valid on Framework Agents

Symptom:

When Using DynamicRetry with SiteMinder 6.0 QMR 4, the user was never presented with a change password screen.

Solution:

This is no longer an issue.

SiteMinder Agent API Function Failure Results in Error Message (52812)

Valid on Framework Agents

Symptom:

SiteMinder Agent API function failure results in error message 'Sm_AgentApi_IsProtectedEx returned -1'.

Solution:

This is no longer an issue.

Issue with Apache Handling of % Character (52884)

Valid on re-architected Apache Agents

Symptom:

There is an issue with Apache's handling of the % character when Apache is used as a reverse proxy for Outlook Web Access.

Solution:

This is no longer an issue.

Validation Failure Causes 'UseSessionForAnonymous' Flag to Become Enabled (52890)

Valid on Traditional Agents

Symptom:

Validation failure causes 'UseSessionForAnonymous' flag to become enabled.

Solution:

This is no longer an issue.

Value of SaveCredsTimeout Parameter Does Not Display Properly in the Log File (52906)

Valid on Traditional Agents

Symptom:

The value of the SaveCredsTimeout parameter does not display properly in the log file.

Solution:

This is no longer an issue.

Forms Authentication Post to an HTML Does Not Work When LegacyEncoding=no (53131)

Valid on Framework Agents

Symptom:

URLs are improperly encoded in some circumstances when redirecting to an FCC if LegacyEncoding is not set, resulting in a 500 error.

Solution:

This is no longer an issue.

FCCCompatMode=YES Causes SMTRYNO Cookie To Not Be Set Correctly (53260)

Valid on Framework Agents

Symptom:

When FCCCompatMode is set to YES, the SMTRYNO cookie is not set correctly.

Solution:

This is no longer an issue.

When an IIS 6.0 Web Agent on Windows 2003 Does a Reverse DNS Lookup of IP Address, It Gets a NetBIOS Server Name Back (52944)

Symptom:

During a reverse DNS lookup of IP address of the Windows Server 2003 machine the agent is running on, the gethostbyaddr() call returned the NetBIOS name instead of the host name from DNS when there is no corresponding entry in the hosts file.

Solution:

This is no longer an issue.

Password Services Does Not Recognize PasswordServicesZH-CN.properties and PasswordServicesZH-TW.properties Files (53007)

Valid on Traditional Agents running on the UNIX operating system

Symptom:

PasswordServicesZH-CN.properties and PasswordServicesZH-TW.properties files are not recognized by Password Services.

Solution:

This is no longer an issue.

Ensure isProtected Uses ServerErrorFile in the Event the Agent is Not Able to Communicate with Policy Server (53017)

Valid on Framework Agents

Symptom:

Ensure isProtected uses ServerErrorFile in the event the agent is not able to communicate with the Policy Server.

Solution:

This change was made.

Customer Requests That IIS 6.0 Web Agent Enter Information into IIS Web Server Log (53205, 46164)

Valid on IIS 6.0 Agents

Symptom:

The IIS 6.0 Web Agent did not record the following information into the IIS Web Server log:

- n cs-username - Authenticated User
- n cs-uri-query - SM Transaction ID

Solution:

A new agent configuration parameter "AppendIIServerLog" has been added.

Note: For more information, see the *SiteMinder Web Agent Guide*.

Agent Installation Fails When X11 Is Not Installed on SUSE 8 (53281)

Valid on UNIX, Linux, and ZLinux Agents

Symptom:

When installing the 6qmr4-cr001 Web Agent on a SuSe 8.0 Linux box where X11 (Windows Emulator) was not installed, using the "-i console" option for text mode install, the Installation fails with the error in the agent-install-debug.txt file indicating that the libXp.so.6 shared library could not be found.

Solution:

This is no longer an issue.

Web Agent Trace Log Message Are Not Being Written to the Log File (53393)

Valid on IIS 6.0 Agents

Symptom:

Web agent trace log messages are not being written to the log file, even though the file was properly created.

Solution:

This is no longer an issue.

Re-architected IIS 6.0 Web Agents Are Missing @loginonget (53529)

Valid on IIS 6.0 Agents

Symptom:

The re-architected IIS 6.0 Web Agents are missing the @loginonget feature.

Solution:

This is no longer an issue.

IPlanet Web Server Crashes When EnableWebAgent=NO (53541)

Valid on iPlanet

Symptom:

IPlanet Web server crashes when the Web agent is installed but EnableWebAgent="No".

Solution:

This is no longer an issue.

IIS 6.0 Web Agent Starts Processing Transactions Before It Has Received Its Keys (53618, 52972)

Valid on IIS 6.0

Symptom:

The IIS 6.0 Web Agent starts processing transactions before it has received its keys.

Solution:

This is no longer an issue.

"Unknown SiteMinder Web Agent" is Displayed When SPS Agent is Being Run (53729)

Valid on Secure Proxy Server Agents

Symptom:

"Unknown SiteMinder Web Agent" is displayed when Secure Proxy Server (SPS) is being run.

Solution:

This is no longer an issue.

IBM HTTP Server 1.3.28.1 on AIX 5.2 Is Not Able to Startup When EnableWebAgent=NO (53883)

Valid on Apache 1.3 Agents

Symptom:

IBM HTTP Server 1.3.28.1 on AIX 5.2 is not able to startup when EnableWebAgent=NO.

Solution:

This is no longer an issue.

Web Server Throwing "500" Error On APS "OnAccessAccept" Rule (53964)

Valid on Traditional Agents

Symptom:

A problem exists where a Web Server throws a "500" error when an "OnAccessAccept" rule with an Advanced Password Services (APS) active response is set to cache attribute and the user is in "Force Change Password" state.

Solution:

This is no longer an issue.

Trace Delimiter Parameter in the Web Agent Configuration Is Spelled Incorrectly in the Default ACO (53974)

Symptom:

The smpolicy.smdif files contains a misspelled configuration parameter "TraceDelimiter".

Solution:

This has been changed to "TraceDelimiter."

Federation Logging Incomplete after Upgrade (54040)

Symptom:

The FWS trace log is not logging anything after a certain point on each line. The federation logs are showing only a portion of the SAML Assertion generated or consumed.

Solution:

This is no longer an issue.

Web Agents Crash on Shutdown in Some Situations (54064)

Symptom:

Web Agents are crashing on shutdown in some situations. It potentially affected all Web agents but was only seen on Apache 2.0 running in prefork (MultiProcess) mode.

Solution:

This is no longer an issue.

SPS Creates SMSESSION Cookie for 36 Years When PersistentCookies=YES in the AgentConfigObject (54071)

Valid on Framework Agents

Symptom:

SPS creates a SMSESSION cookie for 36 years when PersistentCookies=YES in the AgentConfigObject. The SMSESSION cookie should be set to expire after 7 days when PersistentCookies is set to YES.

Solution:

This is no longer an issue.

Missing ServerPath in WebAgent.conf Causes 500 Error for IIS 6.0 Agent on the First Request (54126)

Valid on IIS 6.0 Agents

Symptom:

Problems occur during startup and with logging on IIS 6.0 when ServerPath is not specified, such as after an upgrade to 6.0 QMR 4.

Solution:

This is no longer an issue.

OverlookSessionForUrls is Misspelled as OverlookSessionForUrl in Agent Log File (54128)

Valid on Traditional Agents

Symptom:

The spelling of OverlookSessionForURLs is incorrect. It should be OverlookSessionForURL.

Solution:

This is no longer an issue.

Requested Resource Is Not Displayed When TargetAsRelativeURI and FccCompatMode are Both Set to YES (54157)

Valid on Framework Agents

Symptom:

The requested resource is not displayed when both TargetAsRelativeURI and FccCompatMode are set to Yes and the FCC-based password policy is enabled for a user.

Solution:

This is no longer an issue.

Redirecting to Cookie Provider Causes Authentication Failure (54158, 52785)

Valid on Domino Agents

Symptom:

Authentication fails when users are redirected to the cookie provider.

Solution:

This is no longer an issue.

When Using DynamicRetries.fcc, the Password Policy Templates Do Not Display (54232)

Valid on Framework Agents

Symptom:

When using DynamicRetries.fcc, the Web agent does not properly display password policy templates.

Solution:

This is no longer an issue.

RECURRING Cookie Not Set Properly When Using the @SMSAVE Directive in the login.fcc (54250)

Valid on Framework Agents

Symptom:

The @SAVE and @SMSAVE .fcc directives in the login.fcc do not create cookies with the cookie domain properly set.

Solution:

This is no longer an issue.

Web Agent Fails to Process StepUp CertOrForm Correctly (54313)

Valid on Framework Agents

Symptom:

Web Agent fails to process StepUp CertOrForm correctly.

Solution:

This is no longer an issue.

RedHat 3.0 Advanced Server Web Agent Fails to Install (54535)

Symptom:

For a legacy binary (which does not have PT_GNU_STACK program header and assumes READ implies EXEC behavior), the kernel is mapping the data segment as not executable. Because of this issue, the Java platform does not run on a processor which supports 'execute disable' feature.

Solution:

The 2.6 kernels have solved this issue by using READ_IMPLIES_EXEC.

SunOne 6.1 SP4 Fails to Start with Web Agent 6 QMR 4 on AIX 5.3 Platform (54650)

Valid on SunOne Agents running on the AIX 5.3 operating system

Symptom:

SunOne 6.1 SP4 fails to start with Web Agent 6 QMR 4 CR006 312 build on the AIX 5.3 platform.

Solution:

This is no longer an issue.

Choosing “Abort the UPGRADE” While Doing Console Mode Installation on UNIX Continues to Install Instead of Aborting (54651)

Valid on UNIX, Linux,. and zLinux

Symptom:

While performing console mode installation on UNIX, if the user chooses "Abort the UPGRADE", the installation continues rather than aborting.

Solution:

This is no longer an issue.

Logon_User Failed for Specified User on IIS 6.0 Framework Agent (54675)

Valid on IIS 6.0 Agents

Symptom:

Logon_User failed for a specified user on an IIS 6.0 Framework Web Agent.

Solution:

This is no longer an issue.

SMDOMINODATA Cookie Is Not Set Securely When UseSecureCookies = "YES" (54703)

Valid on Domino

Symptom:

The SMDOMINODATA cookie was not set securely when UseSecureCookies was set to "YES".

Solution:

This is no longer an issue.

When Resources Protected by Domino Web Server Are Accessed, Server Re-challenges for User Credentials (54917)

Valid on Domino Agents

Symptom:

When a resource is protected by Domino web server is accessed, the server re-challenges for user credentials even after providing valid user credentials whereas the requested resource should be displayed.

Solution:

This is no longer an issue.

Expiry Time for SMIDENTITY Cookie Created Shows Wrong Value (54968)

Valid on Framework and rearchitected SunOne Agents

Symptom:

The expiry time for SMIDENTITY cookie created shows the wrong value. The expiration time sets to 39 years.

Solution:

The Max-Age time for the SMIDENTITY, SMSAVE, SMDATA cookies is now explicitly set to 2 years.

Popsession.fcc Does Not Pop the Session When Accessed Directly from URL (55013)

Valid on Framework Agents

Symptom:

Popsession.fcc does not pop the session when it is accessed directly from URL.

Solution:

This is no longer an issue.

IIS 6.0 Agent Strips First "?" from URI on 'IsProtected' Call by .FCC or .NTC (55306, 54794)

Valid on IIS 6.0 Agents

Symptom:

IIS 6.0 Web Agents are stripping the first "?" from the URI on 'IsProtected' call by .FCC or .NTC.

Solution:

This is no longer an issue.

Form-based Authentication Scheme Is Not Working on Domino Web Server (55599)

Valid on Domino Agents

Symptom:

On accessing any protected resource with form-based authentication scheme using Domino Web Server, the user is not challenged.

Solution:

An enhancement has been made so that the Domino Web Agent will return kFilterNotHandled for unprotected resources (a return code which indicates to Domino that the filter did not handle the authentication and Domino should attempt its own authentication).

Web Agent Deletes the SMSESSION Cookie Once the Idle Timeout Has Been Deleted (56299)

Valid on Traditional Agents

Symptom:

The Web Agent is deleting the SMSESSION cookie when a non-protected resource is accessed once the Session Idle Timeout has been exceeded.

Solution:

This is no longer an issue.

Web Agents Are Leaking Memory (56338)

Valid on Framework Agents

Symptom:

Web Agents are leaking memory when redirecting to the cookie provider.

Solution:

This is no longer an issue.

Dynamic Web Agent Configuration Changes Do Not Occur (56559)

Valid on Framework Agents

Symptom:

Dynamic changes in Agent configuration objects in the Policy Server do not occur.

Solution:

This is no longer an issue. Dynamic Web Agent configuration now works properly in all circumstances.

Improper Display of Next Token Page for ACE Authentication Scheme (65655)

Valid on re-architected Apache 2.0, and re-architected SunOne agents

Symptom:

The next token page of the ACE authentication scheme did not display correctly when the HTML Form Template authentication scheme was used with the smpwservices.fcc template.

Solution:

This is no longer an issue.

Incorrect Prompt with Basic Authentication over SSL and OnAuthAttempt Rule Response (65431)

Valid on IIS 6.0 and re-architected Apache 2.0 Agents

Symptom:

The web agent did not prompt correctly when basic authentication over SSL with an OnAuthAttempt rule was used and an attached response was triggered.

Solution:

This is no longer an issue.

Empty Value for AcceptTPCookie Parameter Caused Problems (65580)

Valid on Traditional Agents

Symptom:

The Web Agent experienced problems if the AcceptTPCookie parameter was set to an empty value in the Agent Configuration object.

Solution:

This is no longer an issue.

ValidTargetDomains in the List were not Excluded If Domain List Contained Extra Delimiter Characters (66733)

Symptom:

The ValidTargetDomain ACO parameter did not exclude targets that contain extra file delimiter characters.

Solution:

This is no longer an issue. Access to domains in the list that contain extra file delimiter characters are blocked.

Forms Authentication did not Work with Reverse Proxy and TransientIPCheck Parameter Enabled (66054)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

Form authentication did not work correctly when running with reverse proxy and TransientIPCheck is enabled.

Solution:

This is no longer an issue.

Idle Timeout on 64-bit Platforms (66029)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

The idle timeout settings did not work correctly on 64-bit platforms.

Solution:

This is no longer an issue.

Password Changes with Cert and Basic Authentication Scheme (65977)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

Submitting a password change with the Cert and Basic authentication scheme did not work correctly.

Solution:

This is no longer an issue.

Web Agent Sporadically Terminated Abnormally When Accessing Password Retry Count (65922)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

The web agent terminated abnormally when accessing the password retry count in very rare circumstances.

Solution:

This is no longer an issue.

POST Requests not Handled Properly when Value of LegacyCookieProvider was Set to Yes (65767)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

A POST request was not always handled correctly by the Web Agent when the value of the LegacyCookieProvider parameter was set to yes.

Solution:

This is no longer an issue.

Dynamic Update of Web Agent Logging Parameters (65714)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

The web agent logging configuration could not be updated dynamically in both central or local configurations.

Solution:

This is no longer an issue.

SMTRYNO Count Contained Inappropriate Value (65514)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

The SMTRYNO count could be set to an inappropriate value.

Solution:

This is no longer an issue.

Web Agent Sending URI to Policy Server for Processing (64569)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

The web agent incorrectly sent the relevant URI from a fully qualified URL to the Policy Server for processing.

Solution:

This is no longer an issue.

FCC and Java Servlet Cross-frame Scripting Vulnerability (68827)

Symptom:

There was a cross-frame scripting attack vulnerability involving FCCs and Java servlets.

Solution:

This is no longer an issue.

FCC Cross-site Scripting Vulnerability (67582)

Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents

Symptom:

There was an FCC cross-site scripting attack vulnerability.

Solution:

This is no longer an issue.

Remind me Later Button Did Not Validate Domain (67561)

Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents

Symptom:

The "Remind me later" button on the smpwservice.fcc page did not verify that the target domain was valid even when the ValidDomainTarget Web Agent configuration parameter was enabled.

Solution:

This is no longer an issue.

Cross-site Scripting Vulnerability with %00 Character Sequence (69191)

Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents

Symptom:

A cross-site scripting attack vulnerability existed with the use of the %00 character sequence.

Solution:

This is no longer an issue.

STAR Issue: 17042893:1

Receiving Zero-length Packet While Chunk Encoding Terminated Web Agent Abnormally (64954)

Valid on Apache 2.0 Web Agents

Symptom:

If the web agent was performing chunk encoding, receiving zero-length packet caused the Web Agent to terminate abnormally.

Solution:

This is no longer an issue.

Web Agent Load Balancer Did Not Check for Divide-by-Zero Errors (70726)

Symptom:

The web agent load balancer did not check for or handle divide-by-zero errors.

Solution:

This is no longer an issue.

STAR Issue: 17174992:1

URI Paths Were Translated if DisableDirectoryList Parameter Value was Yes (69593)

Symptom:

The Web Agent would translate the URI path even when the Web Agent configuration parameter, `DisableDirectoryList`, was set to yes.

Solution:

This is no longer an issue.

STAR Issue: 16646871:01

Note: With this setting, additional HTTP 0.9 messages will not be generated.

Posts with SMPostPreserve Set Returned Information (70151)

Symptom:

Posts with `SMPostPreserve` set would return information when SiteMinder internal cookies were posted to the web agent.

Solution:

This is no longer an issue.

FCC Files Required Trailing Carriage Return and Line Feed Pairs (69825)

Symptom:

FCC files would not work correctly unless they contained a trailing carriage return and line feed pair at the end of the file.

Solution:

This is no longer an issue.

STAR Issue: 17117269:1, 17114758:1

CA Wily Introscope Needed One View Monitor Enabled (68995)

Symptom:

The SiteMinder One View monitor needed to be enabled to use CA Technologies Wily Introscope with SiteMinder.

Solution:

This issue has been fixed.

Incorrect DNS Configuration Caused Abnormal Web Agent Terminations (72151)

Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents

Symptom:

If DNS was not configured correctly on the web server, the Web Agents terminated abnormally.

Solution:

This is no longer an issue.

STAR Issue: 17296085:01

Duplicate Cookie Names Caused Login Loop (71038)

Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents

Symptom:

When existing cookies ended with the same name as the zone cookie, the Web Agent went into a login loop.

Solution:

This is no longer an issue.

Failure of smregghost Command (70866)

Symptom:

On some faster operating environments, the smregghost utility would return a bad handshake error and fail to connect.

Solution:

This is no longer an issue.

STAR Issue: 17188582:1

500 Errors in Legacy Cookie Mode and POST Requests not Preserved (69700)

Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Agents

Symptom:

The Web Agent returned a 500 error in a scenario where the legacy cookie mode was set and the POST request was not used for post-preservation.

Solution:

This is no longer an issue.

Step Up Authentication with Cookie Providers (69488)

Valid on IIS 5.0, Domino and Apache 1.3 Agents

Symptom:

Step up authentication with a cookie provider did not work correctly.

Solution:

This is no longer an issue.

STAR Issue: 16804956:1

Web Agents Would Hang when Server Process Terminated Abnormally

Valid on UNIX for re-architected Apache 2.0 and Sun Java System

Symptom:

The web agents would hang if there had been an abnormal termination of the web server process.

Solution:

This is no longer an issue. The Web Agents can now recover from a hung state in this situation.

STAR Issue: 16265136:1

Missing Path to SMHost.conf File not Logged (72096)

Symptom:

The Web Agent logs would not record an error message if the WebAgent.conf file contained an empty path to the SmHost.conf file.

Solution:

This is no longer an issue.

Agent Would Not Start if MAXPROCS Setting in the magnus.conf File Was Greater than 1 (71518)

Valid on re-architected SunOne Agents

Symptom:

The web agent will now start correctly when max procs is greater than 1.

Solution:

This is no longer an issue.

STAR Issue: 17254263:1

Sharepoint Problems with Subsequent Login/Logout as Different Users (73105)

Symptom:

SiteMinder and Sharepoint integrations did not handle subsequent logins and logouts as a different user correctly.

Solution:

This is no longer an issue.

SharePoint Re-Authenticates when using NTLM (73611)

Symptom:

When SiteMinder was used with Microsoft SharePoint and NTLM authentication, users who logged out would be automatically re-authenticated by SharePoint using NTLM.

Solution:

This is no longer an issue. A new signout form is included with SiteMinder which prevents SharePoint from re-authenticating a user.

The selectlogin.fcc Sample Code was Incorrect (72806)

Symptom:

The code in the sample of the selectlogin.fcc forms-credential collector (FCC) was incorrect.

Solution:

This is no longer an issue. The code has been corrected.

STAR Issue: 17343399:01

Abnormal Termination when Logging Used with more than 256 Virtual Servers

Valid on Solaris.

Symptom:

The Web Agent terminated abnormally when logging was in use and more than 256 virtual servers were configured.

Solution:

This is no longer an issue.

STAR Issue: 17394594:01

Web Agents Corrupted Cookies Whose Names Started with SMSESSION (71575)

Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents.

Symptom:

Web Agents would corrupt cookies whose names started with "SMSESSION"

Solution:

This is no longer an issue.

STAR Issue: 16992793:01

IIS 6.0 Agents Shutdown Abnormally (69287)

Symptom:

IIS 6.0 Web Agents terminated abnormally when shutting down.

Solution:

This is no longer an issue.

STAR Issue: 16979512:1

Web Agents Returned 500 Error with Anonymous Authentication Scheme (59617)

Valid on IIS 6.0, and re-architected Apache 2.0 or Sun Java System Web Agents.

Symptom:

Web Agents returned an internal server (500) error when the anonymous authentication scheme was used.

Solution:

This is no longer an issue. These Web Agents now return a Forbidden (403) error when the anonymous authentication scheme is used.

HP-UX Itanium Installer Description of Dynamic Loader and Linker Requirements (75055)

Valid on HP-UX Itanium

Symptom:

The installer for the SiteMinder Web Agent on HP-UX Itanium specified patch level PHSS_26560, which only applied to HP-UX 11.11.

Solution:

The installer now correctly describes the requirement for having a dynamic loader and linker installed on the system.

Apache Agent on UNIX Changes the File Permissions When Creating the Web Agent and Trace Logs (77153/82737)

Valid on UNIX

Symptom:

The Apache Web Agent changes the file permissions from 644 to 600 when creating the Web Agent logs and trace logs.

Solution:

This is no longer an issue.

STAR Issue: 17547538:01

IIS 6 Crashing Intermittently (75715/81043)

Symptom:

IIS 6 crashing intermittently; ISAPIExtension causing stack corruptions.

Star issue #17460931;01

Solution:

This is no longer an issue.

Performance Issues with Domino Web Agent (75503/80260)

Symptom:

Performance issues with Domino Web agent. A user authenticates from IIS6 Web Agent, and then navigates to Domino 7.0.2. All requests to Domino resources are validated against the Policy Server. Requests were not processed in cache; they went to the Policy Server over and over.

Star issue #17422044;01

Solution:

Update Session Start and Expire time appropriately in ThisUser as per the information available from the validated session, so as to prevent the user session from getting expired.

Password Change Page Shows Encoded Message If Old Password Is Wrong (75232/80259)

Symptom:

Password change page shows encoded message if old password is wrong.

Star issues 17416747-1; 17494129-1; 17154401-1; 17568597-1

Solution:

This is no longer an issue.

Error Message for Failed Shared Memory/Semaphore Allocation Does Not Show errno Message (75110/82743)

Symptom:

Error message for failed shared memory/semaphore allocation does not show errno message as expected.

Star issue #17415983;02

Solution:

This is no longer an issue.

Wrong Private Key is Used to Sign Assertions (76161, 83118)

Symptom:

The wrong key in the smkeydatabase is being used to sign assertions.

STAR Issue: 17507633+17527146;01

Solution:

To sign SAML 1.1 assertions, ensure that the correct certificate for each partnership is used when multiple affiliate domains are defined. If signed assertions are specified but no signing alias is selected, use the certificate corresponding to the defaultenterpriseprivatekey alias.

Web Agent Terminated Abnormally When Resolving Agent Names Under Heavy Loads (75072)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

The Web Agent will terminated abnormally when resolving the agent name under heavy load.

Solution:

This is no longer an issue.

STAR Issues: 17438624:01, 17434864:01

Change in Behavior Between 5.0.8 and 6.0.5 WA for AllowCacheHeaders Parameter (73604/80256)

Symptom:

The problem is that after logoff, a request for protected resource redirect8 is met with a 304 and causes an auth reject. User flow is attached as smaccess_UAT_log_cacheissue.txt in UAT.zip. In the customer's WA 5.0.8.02 UAT environment it gives a 200 response, but in the customer's WA 6.0.5.19 SIT environment it gives an undesired 304 response.

Solution:

This is no longer an issue.

STAR Issue: 17365359:1

Custom page that posts to an FCC with invalid credentials causes the agent to redirect to login.fcc (69552/80254)

Symptom:

Custom page that posted to an FCC with invalid credentials caused the agent to redirect to login.fcc instead of that custom page.

Star issue #16987873

Solution:

A new smaceauth.fcc file containing new directive @smacefcc has been introduced that deals with proper redirection and setting of new password in case the fcc is used with ACE authentication. The directive should be set to 1 in case the user wishes to use the fcc with ACE authentication.

Multi-part Forms Data Encoding with Forms-based Authentication (67645)

Valid on IIS 6.0, architected IIS 5.0, re-architected Apache 2.0, re-architected Apache 1.3 and re-architected SunOne Agents

Symptom:

Only urlencoded post data was supported across a forms-based authentication challenge.

Solution:

This is no longer an issue.

STAR Issue: 16586329:01

IIS 6.0 Running on Windows Server 2003 has Application Pools Crash (80275/79088)

Symptom:

An IIS Web Server running on the Windows Server 2003 operating environment had application pool crashes.

STAR Issue # 17663373:01

Solution:

This issue has been fixed.

Web Agent Did not Read LocalConfig.conf Settings of LogFile and LogFileName Parameters (80147/78824)

Symptom:

When the value of the AllowLocalConfig parameter was set to no in a Web Agent Configuration Object, the Web Agent still read any parameter values in the WebAgent.conf file on the web server.

STAR Issue # 17627472:02

Solution:

This issue has been fixed. The Web Agent now uses "white-list parsing" and loads *only* the following parameters from the WebAgent.conf file :

- HostConfigFile
- AgentConfigObject
- EnableWebAgent
- ServerPath
- LocalConfigFile
- EnableIntrospectAgentSupport
- LoadPlugin

Colons Encoded in URLs Caused FCC Redirect Failure (80148/77990)

Valid on UNIX

Symptom:

If the URL of a target resource contained a colon (:), the Web Agent would not redirect to the Forms Credential Collector (FCC) properly.

STAR Issue # 17582660:01

Solution:

This issue has been fixed.

POST Preservation Data Does Not Work with X509 Client Certificate or Form Template Authentication Scheme (77783/80271)

Symptom:

If a resource is protected by an "X509 client certificate" or "form template" authentication scheme, and if the user authenticates by using form credentials, then POST Preservation data is lost. If Client Certificate is used, then POST Data is preserved.

Star issue #17514370-1

Solution:

This is no longer an issue.

SM_USERGROUPS Well-Known Attribute Returns No Groups (77151)

Symptom:

A response returning the SM_USERGROUPS well-known attribute incorrectly returned no groups.

Solution:

This is no longer an issue.

STAR Issues: 17515653-1 and 16652769-1

Basic Authentication Prompt Appears over SSL Login Popup Twice after the SMSESSION Cookie Expired (77014/80152)

Symptom:

Basic authentication prompt appears over SSL login popup twice after the SMSESSION cookie expired, only on Firefox browser.

Star issue 17385666;01

Solution:

This is no longer an issue.

Agent Intermittently Failing on Startup of Web Server (76931/80270)

Symptom:

Agent intermittently failing on startup of Web Server.

Star issue #17530547-01

Solution:

This is no longer an issue.

Web Agent URI Processing with BadURLChars Enabled (76622)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

The web agent incorrectly sent the relevant URI from a fully qualified URL to the Policy Server for processing when the BadURLChars parameter was enabled.

Solution:

This is no longer an issue.

STAR Issue: 17546358-1

LegacyTransferEncoding Parameter Not Working As Expected (76082/80267)

Symptom:

LegacyTransferEncoding parameter not working as expected.

Star issue #17068787-1

Solution:

This is no longer an issue.

Web Agent not Working on AMD Quad-core Processors (76005)

Symptom:

The Web Agent did not work on systems with AMD quad-core processors.

Solution:

This is no longer an issue.

STAR Issue: 17404814:1

Accessing an FCC with the Target Site in a Query String but without the SMAGENTNAME Parameter does not Map to the Agent (82493/78339)

Symptom:

Accessing an FCC URL that contains the URL of a target site in the query string portion, did not map to the Web Agent properly if the query string portion did not also contain the SMAGENTNAME parameter.

STAR Issue # 17434864:01

Solution:

This issue has been fixed.

ServerErrorFile did not Work on IIS if the SMAGENT value was invalid

Symptom:

The ServerErrorFile did not work on an IIS web server when the request was sent to the web agent and the SMAGENT value was invalid.

STAR Issue # 17587745:01

Solution:

This issue has been fixed.

Back-end Server of Reverse Proxy Configuration not Trusting Proxy Session when ProxyTrust parameter set to yes (81619/80349)

Symptom:

The back-end server in a reverse-proxy configuration was not trusting the session even though the value of the proxytrust parameter was set to yes on the proxy server.

Solution:

This issue has been fixed.

STAR Issue: 17609461:01

Web Agent Metrics seem to report anomalous data (76541/82506)

Symptom:

SiteMinder Web Agent metrics seem to report anomalous data when used with Wily Introscope.

STAR Issue # 17733759:01, 17502633:01

Solution:

This issue has been fixed.

Web Server Terminated Abnormally if smerrlog file lacked an extension(83324)

Symptom:

The web server terminated abnormally when the smerrlog file is specified without an extension but there are files in the directory with the same name as the smerrlog file that also had an extension.

Solution:

This is no longer an issue.

STAR Issue: 17969275:01

Log Entry: "CONFIG: Missing required configuration setting 'localconfigfile'" ()

Valid on IIS 6.0, re-architected Apache 2.0, re-architected SunOne, IIS5, Apache 1.3 and Domino Agents

Symptom:

The following message appeared in the Web Agent log file even when the value of the AllowLocalConfig was set to no:

```
CONFIG: Missing required configuration setting 'localconfigfile'
```

Solution:

This is no longer an issue.

STAR Issue: 17929760:01

URLs Containing BadURLChars were not Logged in the Resolved URL(84904)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

Web Agents blocked access to URLs containing characters specified in the BadURLChars Web Agent configuration parameter, but they did not record the blocked URL in the Resolved URL field of the Trace Log file.

Solution:

This is no longer an issue.

STAR Issue: 18050856:01

Web Server Terminated Abnormally if smerrlog file lacked an extension(83324)

Symptom:

The web server terminated abnormally when the smerrlog file is specified without an extension but there are files in the directory with the same name as the smerrlog file that also had an extension.

Solution:

This is no longer an issue.

STAR Issue: 17969275:01

Valid Cookies Sporadically Returned SM_SESSION=NO (82755)

Valid on IIS 5.0 Agents

Symptom:

The Web Agent would sporadically return an SM_SESSION=NO response, even if a valid cookie was presented.

Solution:

This is no longer an issue.

STAR Issue: 17906827:01

Handling of Failed Impersonation Attempt State (84410)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

The Web Agent did not handle the session state for a failed impersonation attempt correctly.

Solution:

This is no longer an issue.

STAR Issue: 17867633:01

Silent Installation Problems on IHS 6.1 (85165)

Valid on Red Hat Linux and AIX 5.3

Symptom:

The silent installer did not configure the IHS 6.1 web server correctly.

Solution:

This is no longer an issue.

STAR Issue: 18057139:01, 18092126:01

Improper Redirection when smauthreason 18 Occurs (86822/85787)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

The user was not always directed back to the change password page correctly when an smauthreason 18 occurred.

Solution:

This is no longer an issue.

STAR Issue: 17906496:1

SharePoint 2007 Plug-In Did not Work with LegacyVariable Set to No (85171)

Symptom:

The SharePoint 2007 Plug-In did not work if the value of the LegacyVariable Web Agent configuration parameter was set to no.

Solution:

This is no longer an issue.

STAR Issue: 18021258:1

Intermittent Web Agent Errors After Web Agent Terminations (83132)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents.

Symptom:

Occasionally, the Web Agent logs contained the following errors:

- "Bad or missing encryption context"
- ?Unable to Decrypt SMSESSION Cookie?

Solution:

This is no longer an issue.

STAR Issue: 17280452:01

Web Agent Did Not Overwrite the SM HTTP Header Variables (99875)

Valid on SunOne agents only

Symptom:

The web agent did not overwrite the SM HTTP header variables correctly.

Solution:

This is no longer an issue.

STAR Issue: 18747458:1

BadURLChars Settings on URLs over 512 Characters Long (97239, 99571)

Valid on IIS 6.0, re-architected Apache 2.0, re-architected SunOne agents

Symptom:

The Web Agent did not handle URLs over 512 characters long when the URL contained a character listed in the BadURLChars parameter.

Solution:

This is no longer an issue.

STAR Issue: 18617676:2

SSO between SSL Cookie Provider and Non-SSL Server (91822)

Valid on IIS 6.0, re-architected Apache 2.0, re-architected SunOne agents only

Symptom:

The Web Agent did not perform SSO correctly between cookie providers that used SSL connections and other servers which did not.

Solution:

This is no longer an issue.

STAR Issue: 18283056:01

Failure to Remove Semaphore Message not an Error (86544)

Symptom:

Web Agent logs showed an error message resembling the following example:

```
[Error] [CA WebAgent IPC] Error removing semaphore
```

Solution:

This message occurs on Apache-based web servers when a child process shuts down and removes a semaphore. Other child processes are not aware of this removal, and also try to remove the same semaphore when they shut down.

This message has been reclassified as an informational message.

STAR Issue: 18092126:01

Cross-Site Scripting Attacks Blocked when FCCCompatMode is set to Yes (86346)

Valid on IIS 6.0, re-architected Apache 2.0, re-architected SunOne, Apache 1.3 and Domino agents only

Symptom:

The Web Agent did not correctly block cross-site scripting attacks when the value of the FCCCompatMode parameter was set to yes.

Solution:

This is no longer an issue.

STAR Issue: 18079501:0

Impersonation Session was Pushed Even When Impersonation Failed (86624)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne agents

Symptom:

If someone entered an incorrect user name when attempting an impersonation, a session was pushed and an error message appeared upon subsequent impersonation attempts.

Solution:

This is no longer an issue.

STAR Issue: 17867633:01

Value of AllowLocalConfig Parameter Needed to be Yes to use TraceFile and TraceFileName parameter values in the LocalConfig.conf File (86843)

Valid for IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

The Web Agent would not use the values of the following parameters in the LocalConfig.conf file, when the value of the AllowLocalConfig parameter from the Agent Configuration Object was set to no:

- TraceFile
- TraceFileName

Solution:

This is no longer an issue. The Web Agent uses the values of the TraceFile and TraceFileName parameters from the LocalConfig.conf file on the web server, even if the value of the AllowLocalConfig parameter on the Agent Configuration object is set to no.

STAR Issues: 18171991:01, 18251257:01

Buffer Overflows Caused Abnormal Web Agent Terminations (81903)

Valid on Domino

Symptom:

The Web Agent terminated abnormally due to a buffer overflow.

Solution:

This is no longer an issue.

STAR Issue: 17323241:01

Trace Logging Caused Abnormal Web Agent Terminations (90491)

Valid on zLinux Agents

Symptom:

Web agents terminated abnormally when tracing was enabled.

Solution:

This is no longer an issue.

STAR Issue: 18374273:01

Web Agent Did Not Return SMAUTHREASON 15 with SafeWord Authentication Scheme (89808)

Valid on IIS 6.0, re-architected Apache 2.0 and re-architected SunOne Agents

Symptom:

The web agent did not return smauthreason 15 correctly when the safeword authentication scheme was used with the safewordgen.fcc file.

Solution:

This is no longer an issue.

STAR Issue: 18324018:01

Incorrect Name sent during SSO between Agents operating on z/OS and Agents on other Operating Environments (89619)

Valid on z/OS Agents

Symptom:

Web Agents running on the z/OS operating environment sent the wrong name to Web Agents that were not running on the z/OS operating environment when SSO was attempted between those Agents.

Solution:

This is no longer an issue.

STAR Issue: 18282774:01

Initial Web Agent Connection to a Policy Server is no Longer Limited to the Timeout Interval used by the Network (87194)

Valid on IIS 6.0, re-architected Apache 2.0, re-architected SunOne, Apache 1.3, and Domino Agents

Symptom:

Web Agents attempting a first-time connection to a Policy Server waited for their network connections to time out before attempting to connect to another Policy Server.

Solution:

Web Agents attempting an initial connection now wait for 30 seconds before trying to connect to another Policy Server

STAR Issue: 17917189:01

AgentWaitTime Parameter Locations (95363)

Valid on IIS 6.0, re-architected Apache 2.0, and re-architected SunOne Agents

Symptom:

The AgentWaitTime parameter could only be set in the following locations:

- Agent Configuration object (ACO)
- LocalConfig.conf configuration file

Solution:

You can now add the AgentWaitTime parameter to the WebAgent.conf file. If the AgentWaitTime parameter is disabled in or missing from the LocalConfig.conf file, then the setting in the WebAgent.conf file is used.

STAR Issue: 18525800:1

Abnormal Termination of Domino Web Agents Under Load (92723, 94564)

Valid on Domino Agents

Symptom:

The Web Agent terminated abnormally when operating under a load.

Solution:

This is no longer an issue.

STAR Issue: 18459901:01

Key Rollover Problems when Auditing Enabled (96270)

Symptom:

The Web Agent did not always process key rollovers correctly when auditing was enabled.

Solution:

This is no longer an issue.

STAR Issue: 18004517:02

Server Side File Includes in SubDirectories (95481)

Valid on re-architected Apache 2.2 Agents

Symptom:

The Web Agent did not always support SSI (file includes) in sub directories correctly.

Solution:

This is no longer an issue.

STAR Issue:18508153:01

Apache Child Processes Continued Running without Encryption Context (94556)

Valid on re-architected Apache 2.0 Agents

Symptom:

The Web Agent did not always shut down an Apache child process when the Agent was unable to get the encryption context.

Solution:

This is no longer an issue.

STAR Issue: 18449478:01

Web Agent Hangs After Successful Password Change when DisallowUsernameInURL set to 1 on Policy Server (92774)

Symptom:

Web Agents would hang after clicking the Continue button after a successful password change when value of the DisallowUsernameInURL registry key on the Policy Server was set to 1.

Solution:

This is no longer an issue.

STAR Issue: 18369749:01

Update 78560 Prevents Use of Parameters in WebAgent.conf (90641/92184)

Symptom:

Update 78560 in SiteMinder Web Agent 6.0 QMR5 CR24 implemented white-list parsing so that *only* recommended agent parameters could be loaded locally from the WebAgent.conf file; others could only be read from Local Config.conf.

This fix in SiteMinder Web Agent 6.0 QMR5 CR24 prevented other parameters set in WebAgent.conf file from being loaded, even in environments in which the WebAgent.conf file used the following setting:

```
localconfigfile=WebAgent.conf.
```

Solution:

This issue has been fixed. If the localconfigfile is set to the location of the WebAgent.conf file, or not configured, *all* agent configuration parameters configured in WebAgent.conf are read.

Note: This configuration is it is *not* recommended; it is supported only for backward compatibility. If you do not need backward compatibility with SiteMinder Web Agent 6.0 QMR5 CR24, set your Local configuration parameters in a *separate* LocalConfig.conf file.

STAR Issue: 18368588:1

Defects Fixed in 6.x QMR 4

This section contains defects that were fixed in SiteMinder 6.x QMR 4.

Values Preceding Percent Signs Not Retained in URL String Conversion (39267)

Symptom:

The Web Agent cookie provider did not retain all values preceding a percent sign (%) in URL string conversions.

Solution:

The Web Agent is now converting correctly.

Cookies with Potentially Harmful Characters (43201)

Valid on Apache 2.0 Web Agents

Symptom:

Web Agent generated cookies, such as SMSESSION, contained harmful characters, such as "=", that were blocked during IIS 6.0 URL validation.

Solution:

This is no longer an issue.

LLAWP Process Did Not Restart (44020)

Symptom:

When the Web Agent entered a state where the LLAWP process shut down, the LLAWP could not be restarted. If the Web server worker process existed, but no LLAWP process was running to service requests, Agent management events and log messages were blocked. The Web server worker process failed to roll keys and entered a deadlock.

Note: This issue occurred by a LLAWP failure in the IIS 6.0 and Apache 2.0 Agents.

Solution:

The LLAWP process is now restarting as expected.

Agent Logged Local Time Incorrectly (44204)

Symptom:

The Web Agent incorrectly logged local time even if the LogLocalTime parameter was set to No in the AgentConfig Object.

Note: This issue affected the IIS 6.0 and Apache 2.0 Agents.

Solution:

The Web Agent now logs local time correctly.

Non-standard Port Dropped During Redirect Processing (45490, 45079)

Symptom: When the Web server was running on a non-standard port, the Web Agent dropped the port when constructing the target on the redirect to the cookie provider. In addition, the Web Agent had the TargetAsRelativeUri parameter enabled.

Note: This issue affected all Agents except IIS 6.0 and Apache 2.0 Agents.

Solution: This is no longer an issue.

Exception Thrown During Certificate Authentication (45765, 45688)

Symptom:

A Web Agent performing certificate authentication with POST data threw a second-chance exception and failed.

Note: This issue affected the IIS 6.0 and Apache 2.0 Agents.

Solution:

This is no longer an issue.

Session Cache Cleared (46048, 45990)

Symptom:

A Web Agent was improperly flushing the user cache for all realms when the Agent received the flush specific realm command from the Policy Server.

Note: The issue affected Apache 1.x and Sun Java System (iPlanet/SunOne) Web Agents on UNIX platforms.

Solution:

This issue is fixed so that only the specified realm's user cache is flushed.

Password Services Potentially Vulnerable (46107)

Symptom:

Web Agent password services CGI processing (smpwservicescgi) was potentially vulnerable to a CSS attack on POST.

Solution:

This is no longer an issue.

Failure at Startup if LogFileName Parameter Was Not Set (40850)

Symptom:

The Web Agent failed to start if you did not specify the LogFileName configuration parameter.

Note: This issue affected all Web Agents except IIS 6.0 and Apache 2.0 Agents.

Solution:

The Web Agent starts successfully if you leave the LogFileName parameter blank.

User Not Challenged When the OverrideIgnoreExtFilter Parameter Set to a Substring (43106)

Symptom:

The Web Agent did not challenge a user for credentials when the OverrideIgnoreExtFilter configuration parameter was set to a substring of the URL used to access the resource.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This issue is fixed and the user is now challenged for credentials.

Messages Not Audited (43682)

Symptom:

SiteMinder did not audit any Agent authentication or authorization messages if you set EnableAuditing to YES and enabled Web Agent caching.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

Errors When EncryptAgentName Parameter Not Set (44016)

Symptom:

A Web Agent configured with the EncryptAgentName parameter set to No produced Web server HTTP 500 errors.

Note: This issue affected all Web Agents except IIS 6.0 Agent and Apache 2.0 Agents.

Solution:

This is no longer an issue and the Web server starts successfully.

Idle Session Timeout Limits Not Honored with Unprotected Resources (44046)

Symptom:

The Web Agent did not update the SMSESSION cookie or create a Proxy Session cookie when requesting a non-protected page. The Agent also did not honor idle session timeout limits with unprotected resources.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

SSO with Reverse Proxy Not Performed (44050)

Symptom:

A Web Agent configured in conjunction with a secure proxy or a reverse proxy Web Agent did not perform SSO.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

Configuration Incorrect in Reverse Proxy Mode (44280)

Symptom:

The Web Agent attached multiple Identity/Session cookies to an inbound request. Also, the Web Agent incorrectly handled the SMSESSION cookie when it was configured in reverse proxy mode with ProxyAgent=YES.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

Column Not Updated in the Session Server Database (42500)

Symptom:

SiteMinder did not update the ss_sessionspec4 table's lasttouch column in the Session Server database on second access of a resource through a Web Agent.

Note: This issue affected Sun Java Systems and Apache 1.x Agents on all UNIX platforms.

Solution:

This is no longer an issue.

Arbitrary HTTP Headers Allowed During Redirect (44923, 44800)

Symptom:

The Web Agent allowed users to insert arbitrary HTTP headers during redirect processing.

Solution:

Users can no longer insert HTTP headers.

Failure on Startup When the Session Cache Was Disabled (45009)

Symptom:

The Web Agent failed to start when the session cache was disabled.

Note: This issue affected Sun Java System and Apache 1.x Web Agents on all UNIX platforms.

Solution:

This is no longer an issue.

Port Numbers Parsed Correctly (45193)

Symptom:

The Agent would not parse the specified port number correctly if you set the Web Agent's HttpPorts parameter.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

Web Agents Did Not Remove Agent Query Data Items (45263)

Symptom:

Web Agents did not remove Agent query data items from protected URLs when performing redirects.

Note: This issue affected IIS 6.0 and Apache Agents only.

Solution:

This issue is fixed and data items now removed.

Password Services CGI Processing Did Not Handle Requests with Large Password POST Data (45276)

Symptom:

The Web Agent password services CGI processing did not handle requests with large amounts of POST data (for example 150,000 bytes).

Solution:

This is no longer an issue and password services can handle such requests.

The Web Agent Appended a Slash Character to the @smerrorpage Directive (45364)

Symptom:

The Web Agent appended a slash character to the @smerrorpage directive during redirect processing, which caused an error.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

The Windows-based Installation Kit Supplied Ambiguous Error Messages (45483)

Symptom:

The Windows Web Agent installation kit issued ambiguous metabase error messages during an installation failure.

Note: This issue affected the IIS 5.0 and the IIS 6.0 Web Agent installation kits.

Solution:

This issue is fixed. Ambiguous error messages are no longer displayed on installation failure.

Domino Web Agent Terminated When a Third-Party Filter Was Loaded (45730)

Valid on Domino

Symptom:

The Web Agent terminated when a third-party filter (libuploaderfilter.dll) was loaded into a Domino Web Server.

Solution:

This is no longer an issue.

POST Preservation Did Not Function with the NTLM Authentication Scheme (46022)

Symptom:

When the NTLM Authentication Scheme was enabled, POST preservation did not work.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

Two Fields Were Not Shown in the Web Agent Trace Logs (46391)

Symptom:

The User and UserDN fields were not available in the Web Agent Trace logs when trace logging was enabled.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

The missing fields are now in the log.

Web Agent IPC Communications Are Now More Stable (46608)

Symptom:

Several fixes were required to increase the stability of the Web Agent IPC communications.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

Web Agent Terminated When Processing SMSESSION Cookies (46743)

Valid on Apache 2.0

Symptom:

When processing SMSESSION cookies generated by a custom application, the Web Agent terminated unexpectedly.

Solution:

The Web Agent now accepts and decrypts the SMSESSION cookies successfully.

POST Preservation Failed (46878, 45495)

Symptom:

POST preservation failed when the user was re-challenged for credentials (for any reason) and the Web Agent was configured with the FCCCompatMode parameter disabled.

Note: This issue affected all agents except IIS 6.0 and Apache 2.0 Agents.

Solution:

This is no longer an issue.

Failures that Resulted from Interaction between Agents (46981, 46834)

Symptom:

When using Forms-based authentication, failures resulting from the interaction between Web Agents with differing clocks were not reported properly.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

Web Agent Logoff Did Not Function Properly with TransactionMinder (46984, 46213)

Symptom:

In configurations containing TransactionMinder 5.6, the Web Agent logoff functionality did not perform as expected. The user session was incorrectly validated after logout. This created a problem for configurations using a persistent session store.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

Web Agent Added an Extra Character During Federation Processing (47019)

Symptom:

The Web Agent added an extra "/" character to the beginning of the SMPORTALURL query parameter during federation processing.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

Web Agent Did Not Remove SiteMinder Application Data from the URL (46904, 47411)

Symptom:

CSmHttpPlugin::ProcessResource did not properly strip off SiteMinder data from the URL. This applied to the SMSESSION, SMIDENTIFY, and SMLOCALE query parameters.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

The String in a Target URL Was Truncated (46915)

Symptom:

Value-pair parameters following an ampersand (&) were truncated by SiteMinder Password Services (/pwcgi/smpwservices.cgi.exe).

Solution:

This is no longer an issue.

Domino Web Agent Failed to Access View Resources Redirected by FCC (46961)

Valid on Domino

Symptom:

The Domino Web Agent translates a view resource to a URL-friendly name. When the request got redirected by FCC, the view name was changed back to the Domino view ID instead of retaining the URL name.

Solution:

This is no longer an issue.

Web Agent Failed to Start Up (47418)

Symptom:

The event viewer application saw a "Failed to initialize the message bus" error when AgentWaitTime was set to a value greater than 20 seconds.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

Web Agent Failed to Handle Custom Anonymous Authentication Schemes (47460)

Symptom:

The SMSESSION cookie was not being properly created, and the user was not properly redirected.

Note: This issue affected IIS 6.0 and Apache 2.0 Agents only.

Solution:

This is no longer an issue.

Defects Fixed in 6.x QMR 3

This section contains defects that were fixed in SiteMinder 6.x QMR 3.

Reconnection Issue between Agent and Policy Server Behind a Firewall (41742, 40448)

Symptom:

The Web Agent does not reconnect to a Policy Server that has recovered from a failure if that server is behind a proxy firewall. This affects all Web Agents.

Solution:

The Agent now reconnects.

Web Agent Returns Wrong Error Code (40947, 40897)

Symptom:

Under certain conditions, the Web Agent returns the wrong error code due to communication failures and errors with the Policy Server. This affects only the IIS 6.0 and re-architected Apache 2.0 Web Agents.

Solution:

The correct error code is now being returned.

ConformToRFC2047 Parameter Does Not Function Properly (41855, 41601)

Symptom:

The "ConformToRFC2047" parameter does not function correctly in the Web Agent. This affects IIS 6.0 and re-architected Apache 2.0 Web Agents.

Solution:

This is no longer a problem.

Web Agent Communication Problems with Single Server/Cluster (41881)

Symptom:

The Web Agent does not handle communication failures/errors with a Policy server in single server/cluster configuration. This affects all Web Agents.

Solution:

This is no longer a problem.

gflags Setting Prevents Web Agent Startup on IIS 5 (41933)

Symptom:

Web Agent on IIS 5 fails to start up with gflags setting enabled with the "/full" flag. This affects the IIS 5.0 Web Agent only.

Solution:

This is no longer a problem.

Existing iPlanet/SunOne Agent(s) Accidentally Uninstalled (41101)

Symptom:

On a system with multiple Web server instances configured with Web Agents, when installing a new Agent on a new Web server instance in GUI or console mode, the existing Agent(s) are uninstalled if instances are unchecked. This affects the iPlanet/SunOne Web Agents only.

Solution:

This is no longer a problem.

Web Agent Installer Does Not Prompt for Apache Configuration Path (41257)

Symptom:

The Web Agent installer does not indicate properly that it is necessary to enter a specific configuration path when the version of the Apache Web Server being configured is undetectable. This affects the re-architected Apache 2.0 Web Agents only.

Solution:

This is no longer a problem.

Web Agent Authentication Failure (41399)

Symptom:

A Web Agent fails authentication for Basic for SSL, Cert or Basic, Cert and Basic, Cert or Basic over SSL authentication schemes. This affects IIS 6.0 and re-architected Apache 2.0 Web Agents.

Solution:

This is no longer a problem.

LIBPATH Environment Variable Not Set Properly on AIX (41618)

Symptom:

The Web Agent installer does not set the LIBPATH environment variable correctly during installation on the AIX platform. This affects the iPlanet/SunOne Web Agents on the AIX platform only.

Solution:

This is no longer a problem.

Web Agent Not Ignoring Redirect Responses When Session Cookie is Present (41670, 41628)

Symptom:

The Web Agent does not ignore redirect responses in the presence of a session cookie. This affects IIS 6.0 and re-architected Apache 2.0 Web Agents.

Solution:

This is no longer a problem.

Web Agent Ignoring Custom Session Cookie When Authenticating Requests from SAML Affiliate Agent (41728, 41489)

Symptom:

The Web Agent ignores custom session cookie when authenticating requests from the SAML Affiliate Agent. This affects all the Agents except IIS 6.0 and re-architected Apache 2.0 Agents.

Solution:

This is no longer a problem.

Web Agent Installer Not Configuring Apache Web Server Instance (41817)

Symptom:

The Web Agent installer does not fully configure an Apache Web Server instance during installation. This affects the re-architected Apache 2.0 Web Agents only.

Solution:

This is no longer a problem.

SiteMinder Not Updating lasttouch column of Session Server Database (41905, 41192)

Symptom:

SiteMinder does not update the lasttouch column in the ss_sessionspec4 table of the Session Server database on second access of resources through a Web Agent. This affects all of the Agents except IIS 6.0 and re-architected Apache 2.0 Agents.

Solution:

This is no longer a problem.

Web Agent Handling of NULL Active Response Values from Policy Server (41105, 41050)

Symptom:

The Web Agent does not handle NULL active response values from the Policy Server correctly. This affects IIS 6.0 and re-architected Apache 2.0 Web Agents only.

Solution:

This is no longer a problem.

Web Agent Returns a 500 Error (40308, 40874)

Symptom:

Under certain conditions, a failed login attempt using forms authentication leads to the Web Agent returning a 500 error. This affects all Agents except the IIS 6.0 and re-architected Apache 2.0 Web Agents.

Solution:

This is no longer a problem.

Initialization Failure of iPlanet/SunOne Web Agents (40813, 40439)

Symptom:

Under certain conditions, the Web Agent fails to initialize correctly under load. This affects the iPlanet/SunOne Web Agents only.

Solution:

This is no longer a problem.

NTLM Authentication or Authorization Failure Returns Incorrect Error Code (41331, 41261)

Symptom:

Failed NTLM authentications or authorizations causes the Web Agent to return error code 403 instead of 401. This affects all Agents except the IIS 6.0 and re-architected Apache 2.0 Web Agents.

Solution:

This is no longer a problem.

NTLM-based Authentication Schemes and IIS 6.0 Web Agents (41361)

Symptom:

NTLM-based authentication schemes do not function correctly in IIS 6.0 Web Agents.

Solution:

This is no longer a problem.

Web Agent Support Affiliate Agent Allows Redirects to URLs in Other Domains (40548, 40851)

Symptom:

Web Agent providing portal support for the Affiliate Agent allows redirects to target URLs in other domains. This affects all Web Agents on all platforms.

Solution:

This is no longer a problem.

Agent Directing Requests to Target URLs Outside a Valid Cookie Domain

Symptom:

Cookie credential collector (CCC) redirecting to target URLs in other domains.

Solution:

A Web Agent configuration parameter named ValidTargetDomain has been added to the Web Agent configuration. If you configure this parameter with one or more domains, the target domain is compared against each of the configured values to ensure valid redirection. If you do not configure this parameter, then the cookie credential collector redirects to target URLs in other domains.

Web Agent Cookie Provider and Invalid Query Parameter Values (40847, 41103)

Symptom:

The Web Agent cookie provider does not function correctly with invalid query parameter values. This affects all Agents except the IIS 6.0 and re-architected Apache 2.0 Web Agents.

Solution:

This is no longer a problem.

IIS 5.0 Web Agent NTLM Authentication Scheme Failures (40959)

Symptom:

The Web Agent fails authentication for an NTLM Authentication Scheme with TransientIDCookies and TransientIPCheck set to "YES".

Solution:

This is no longer a problem.

Web Agent Not Redirecting Users Based on the onReject-Redirect Response (41014)

Symptom:

The Web Agent does not redirect user-based on the onReject-Redirect response. This affects IIS 6.0 and re-architected Apache 2.0 Web Agents only.

Solution:

This is no longer a problem.

POST Data Not Preserved by IIS 5.0 Web Agents (39360, 39074)

Symptom:

POST data is not preserved by IIS 5.0 Web Agents when the NTLM Authentication Scheme is used when the Web Agent is not configured to be compatible with 4.x Web Agents. This affects the IIS 5.0 Web Agents only.

Solution:

This is no longer a problem.

Web Agent Not Displaying Resources When Policy Server Stopped (40028, 39375)

Symptom:

The Web Agent was unable to display the resource specified in the ServerErrorFile when the Policy Server was stopped if that resource is handled by policies on the stopped Policy Server. This affects the IIS 6.0 and re-architected Apache 2.0 Agents only.

Solution:

This is no longer a problem.

Web Agent Not Following AllowLocalConfig Settings to Obtain the Agent Identity (40203, 40112)

Symptom:

The Web Agent is obtaining the Agent Identity from both the Agent configuration object on the Policy Server as well as the WebAgent.conf file regardless of whether the attribute AllowLocalConfig is set to "YES" or "NO". This affects all the Agents except IIS 6.0 and re-architected Apache 2.0 Agents.

Solution:

This is no longer a problem.

Web Agent May Not Process @smheaders During Forms Based Authentication (40287, 40105)

Symptom:

The Web Agent may fail to process @smheaders during forms based authentication due to inconsistency of HTTP Header names used by different browsers and Web servers. This problem occurs when using a browser that uses HTTP Headers containing underscore or hyphens (i.e., USER_AGENT or USER-AGENT) and the Web Server uses the other. This affects all Web Agents on all platforms.

Solution:

This problem is fixed.

"failed forms authentication retry limit" Response from Web Agent (40435, 40659, 40510)

Symptom:

The Web Agent "failed forms authentication retry limit" (i.e., @smretries) was off by one if the Web Agent was not configured to be compatible with 4.x Web Agents. This affects all the Agents except IIS 6.0 and re-architected Apache 2.0 Agents.

Solution:

This is no longer a problem.

Web Agent Fails While Searching Resource and/or Session Caches (40624, 40439)

Symptom:

Under certain conditions the Web Agent fails during searches in the resource and/or session cache(s). This affects all the Agents except IIS 6.0 and re-architected Apache 2.0 Agents.

Solution:

This is no longer a problem.

Web Agent Exceeds Configured Policy Server Connection Limit (40668, 40297)

Symptom:

Under certain conditions the Web Agent attempts to open a greater number of connections to the policy server than the quantity configured. This affects all the Agents except IIS 6.0 and re-architected Apache 2.0 Agents.

Solution:

This is no longer a problem.

Web Agent Does Not Apply RFC-2047 Wrapping (40346, 40150)

Symptom:

The Web Agent would fail to apply RFC-2047 wrapping when the HTTP Header value being encoded was only a single character long. Values longer than a single character were encoded correctly in the HTTP Header. This affects the IIS 6.0 and re-architected Apache 2.0 Agents only.

Solution:

This is no longer a problem.

Web Agent Hosting TARGET URL Substitutes Characters (40561, 40292)

Symptom:

A Web Agent hosting TARGET URL incorrectly substitutes the first ampersand (&) with a question mark (?) on returning from the cookie provider. This affects all the Agents except IIS 6.0 and re-architected Apache 2.0 Agents.

Solution:

This is no longer a problem.

Web Agent Configured to Logout Will Not Logout (40233)

Symptom:

Under certain conditions, the Web Agent configured to use logout.fcc will not log out the user and may cause the Web server to crash. This affects all the Agents except IIS 6.0 and re-architected Apache 2.0 Agents.

Solution:

This is no longer a problem.

Web Agents Using a Custom Forms Authentication Page Incorrectly Redirect Failed Logins (40639, 40442)

Symptom:

Web Agents configured to use a custom forms authentication page (for example, login.asp) redirect failed logins to the default form (such as login.fcc) instead of the custom form configured in the policy server authentication scheme). This affects all the Agents except IIS 6.0 and re-architected Apache 2.0 Agents.

Solution:

This is no longer a problem.

FCC Uses Incorrect Value for IsProtected Call when TARGET Contains an Embedded URL (40110, 39990)

Symptom:

When accessing a protected resource where the URL contains a query string that also contains an embedded URL, forms-based authentication may fail. The Agent tries to determine if the embedded URL is protected instead of trying to determine if the actual target URL is protected. This affects all Web Agents on all platforms.

Solution:

This is no longer a problem.

Web Agent with FCCCompatMode Enabled Allows Redirects to URLs in Other Domains (40504)

Symptom:

A Web Agent configured with the FCCCompatMode parameter enabled (and configured to be compatible with 4.x Web Agents) allows redirects to target URLs in other domains. This affects all Web Agents on all platforms.

Solution:

This is no longer a problem.

Web Agent Trace File Not Generated When AgentFunc Used (39216)

Symptom:

Web Agent trace file does not get generated if "AgentFunc" is used as a trace file configuration component. This change affects all Web Agents.

Solution:

This is no longer a problem.

NULL Header Value in the Header Response (39389, 39346)

Symptom:

Web Agent cannot handle a null header value in the header response. This change affects all Web Agents except the IIS 6.0 and re-architected Apache 2.0 Agents.

Solution:

This is no longer a problem.

Domino Web Server Expects User Names as LMBCS Data Types (39721, 39362)

Symptom:

The Domino Web server expects the user name passed by the Web Agent for server authentication to be in LMBCS (Lotus Multi Byte Character Set) data type. With this fix, the Agent now converts the username to the LMBCS data type. This change affects the Domino Web Agents only.

Solution:

This is no longer a problem.

Note: Due to known issues with the Domino Web server on the AIX platform, we do not recommend upgrading the Domino Web Agent on the AIX platform with this CR.

"Require Cookies" Error Presented Instead of User Challenge After Log Off (39742, 37749)

Symptom:

If a resource is re-accessed after the session has been logged off, the Web Agent presents "Require Cookies" error instead of re-challenging the user with a basic authentication challenge. This affects IIS 6.0 and re-architected Apache 2.0 Agents only.

Solution:

This is no longer a problem.

logout.fcc Not Logging Out or Redirecting to Target (39743, 39263)

Symptom:

Web Agent logout.fcc is not logging session out or redirecting to the target. If a resource is accessed after logging out using logout.fcc the same resource will get served without a challenge. This affects IIS 6.0 and re-architected Apache 2.0 Agents only.

Solution:

This is no longer a problem.

Domino Agent Not Returning Translated URL Friendly Name (39878, 39790)

Symptom:

A Web Agent would use the Domino server convention, using server aliases to identify objects in the Agent Target parameter instead of actual mapped object name. This change affects the Domino Web Agents only.

Solution:

This is no longer a problem.

Administrator with Timed-out Session is Not Re-authenticated When Agent is Configured for Impersonation (43095)

Symptom:

Web Agent configured for Agent impersonation does not re-authenticate an administrator with a timed-out session. Users see an unauthorized page, which states that credentials are not valid.

Solution:

This is no longer a problem.

IIS Web Agents Failed on Multi-CPU Systems Running Under Heavy Load (41176)

Symptom:

For Windows 2000 and Windows Server 2003 Web Agents running on multi-CPU systems under high concurrent load, an intermittent stability issue caused the IIS Web Server to fail. This issue was caused by the Microsoft compiler libraries used to create the Web Agent software.

Solution:

Installing 6.x QMR 3 fixes this issue, as it upgrades the Microsoft compiler libraries from 6.0 to 7.1.

Important! We recommend running the Web Agent and Policy Server on *separate* computers.

Defects Fixed in 6.x QMR 2

This section contains defects that were fixed in SiteMinder 6.x QMR 2.

SecurID Mutli-Protection Level Environment Preventing Access to Resources (34327)

Symptom:

When resources are protected with multi-protection level SecurID authentication schemes, a higher level resource cannot be accessed in the same browser session in which a lower-level resource has been previously accessed.

Solution:

Resources at the higher protection level can now be accessed.

Error Occurs Instead of New Pin Selection Form Being Presented (34328)

Symptom:

When a user tries to access a resource for the first time and the resource is protected by the SecurID authentication scheme, the Web Agent fails to return a new PIN selection form when the user is in Password Enabled, Change required mode or Passcode Enabled, new PIN mode.

Solution:

The Web Agent now presents the new PIN selection form.

Cookie Provider Redirection Disparity Between 4.x and 6.x Agents (35329)

Symptom:

6.x Web Agents redirect to the cookie provider on GET and POST actions, whereas 4.x Web Agents redirect the cookie provider only on GET actions. This functional difference causes upgrade issues when applications that require cookie provider support for GET actions and Web services responding to POST actions are installed on IIS virtual servers.

Solution:

All 6.x Web Agents, except IIS 6.0 and Apache 2.0, have been modified to redirect to the cookie provider only for GET actions. New and rearchitected Agents, such as the IIS 6.0 and Apache 2.0 continue to redirect to the cookie provider for GET and POST actions so Web Agents can support POST preservation when a cookie provider is enabled.

Note: In order for POST preservation to work when a cookie provider is enabled on a Framework Agent, the cookie provider must also be a framework agent. When a Framework Agent redirects to a cookie provider configured on a traditional Agent (such as iPlanet), the redirected request will become a GET and fail.

Web service applications or any custom application that cannot interpret 302 redirects should be configured separately from applications requiring multi-cookie domain single sign-on. Clients using Web services should consider moving these applications to servers separate from their other applications that require multi-cookie domain single sign-on.

Apache Agent on Linux 2.1 Advanced Server Does Not Deliver Perl Resource (31484)

Symptom:

The Web Agent does not deliver Perl resources when configured on an Apache 2.0.49 (Prefork) Web server/Linux 2.1 Advanced Server platform.

Solution:

This is no longer a problem.

LogAppend and TraceAppend Not Functioning (33868)

Symptom:

The LogAppend and TraceAppend parameters function incorrectly.

Solution:

The LogAppend and TraceAppend functionality has been restored. If the LogAppend or TraceAppend is set to no, the existing log file will be rolled over instead of being overwritten. Ordinal numbers are used instead of timestamps.

Resources with .fcc Extension Not Being Delivered (33977)

Symptom:

The Web Agent is not serving resources with an .fcc extension.

Solution:

Resources with an .fcc extension are now being presented.

Three Dot Cookie Domain Causing Problem (33986)

Symptom:

Web Agent may get into a perpetual loop with the cookie provider if the target Web Agent is configured with a three dot cookie domain.

Solution:

This is no longer an issue.

Web Agent and Cookie Provider Being Caught in an Infinite Redirection Loop (33784)

Symptom:

The Web Agent and cookie provider enter an infinite redirection loop if the user accesses a resource after the Session Update period expires but before the Session Grace period expires.

The problem affects all Agents except the IIS 6.0 and Apache 2.0 Agents.

Solution:

This is no longer an issue.

Agent Error Occurring when an Anonymous Authentication Scheme is Configured (33972)

Symptom:

When the UseSessionForAnonymous parameter is set to yes, the Agent returns an 00-0010 error when the user visits a resource protected by an anonymous authentication scheme after accessing an unprotected resource.

This problem affects all Agents except the IIS 6.0 and Apache 2.0 Agents.

Solution:

This configuration no longer causes an error.

Web Agent Not Operating in Internationalized Windows Environment (33974)

Symptom:

The IIS 6.0 Web Agent does not function correctly in an internationalized Windows 2003 environment.

Solution:

The Web Agent can now operate in this environment.

Agent Allowing Unchallenged Access in a Virtual Server Environment (34233)

Symptom:

The Web Agent may allow unchallenged access to a protected resource in a virtual server environment.

Solution:

The Web Agent is now challenging the user due to the addition of the new parameter UseServerRequestIP.

Web Agent Fails if AgentName Value Contains a Space (34365)

Symptom:

The IIS 6.0 Web Agent fails if the string in the AgentName parameter contains a space.

Solution:

A space in the AgentName parameter value no longer causes the Web Agent to fail.

LLAWP Not Exiting During Web Server Shutdown (34378)

Symptom:

The LLAWP does not exit during Web server shutdown when the Policy Server is not available.

Solution:

This LLAWP now shuts down as it should.

IIS 6.0 Web Agent Not Passing Configured Proxy Headers (34481)

Symptom:

When the ExpireForProxy parameter is set to yes, the IIS 6.0 Web Agent does not pass the following configured proxy headers to the client:

- ProxyHeadersAutoAuth
- ProxyHeadersAutoAuth10
- ProxyHeadersProtected
- ProxyHeadersProtected10
- ProxyHeadersUnprotected
- ProxyHeadersUnprotected10

Solution:

The configured proxy headers are now being passed to the client.

Session Cookie is Not Updated When Agent is in Proxy Mode (343648)

Symptom:

When an Apache 2.x Web Agent is operating in proxy mode and the ProxyAgent parameter is set to yes, the session cookie is not updated after the first login attempt.

Solution:

The session cookie is now updated.

Orphaned Credential Cookies Cause Users to be Reprompted (34802)

Symptom:

Orphaned credential cookies are causing the Web Agent to reprompt users.

Solution:

Users are no longer being reprompted.

Agent Allowing Unauthenticated Users Access When IP Addresses are used to Resolve Agent Name (34900)

Symptom:

The Web Agent may allow unauthenticated users access to protected resources on virtual Web servers when IP addresses in addition to host names are used to resolve the Agent name.

Solution:

Unauthenticated users are no longer gaining access to protected resources in this configuration due to the addition of the new parameter UseServerRequestIP.

Single Sign-on Failing with Different Policy Stores Sharing Common Key Store (35281)

Symptom:

Single sign-on fails when two disparate policy stores share a common key store.

Solution:

Single sign-on is no longer failing.

Web Agent Fails Due to Corrupted Memory in Session Cache (35319, 36329)

Symptom:

The Web Agent crashes due to corrupted memory in the session cache under certain cache-full conditions.

Solution:

This is no longer a problem.

Host Config Object Missing from Debug Log (34649)

Symptom:

The Host Config Object data is missing from debug logs for the IIS 6.0 and Apache 2.0 Web Agents.

Solution:

Host Config Object data is now in the logs.

TARGET Parameter Divided into Multiple HTTP Headers (35994)

Symptom:

Under certain conditions, the value for the TARGET parameter passed to a FCC form or to a Cookie Provider can be broken up into multiple HTTP headers that are returned to the browser.

Solution:

The TARGET parameter is no longer being divided. Host Config Object data is now in the logs.

Web Server Failing During POST if SMENC Has Bad Data (34734)

Symptom:

The Web server crashes during a POST to the FCC if the SMENC directive in the form contains invalid data.

Solution:

The Web server is no longer failing if the SMENC data is invalid.

Invalid URL Generated if TARGET Includes a Query String (36206)

Symptom:

If a resource is protected with forms authentication and the login URL contains a query string, for example, `http://machine.domain.com/login.fcc?A=1`, there was a problem with the redirect URL if the initial login attempt failed. This affects all Web Agents except IIS 6.0 and Apache 2.0.

Solution:

This is no longer a problem.

Apache 2.0 Agent on Linux Platform Crashing When Session Cache Full (36329)

Symptom:

The Apache 2.0 Web Agent on Linux platforms crash under certain session cache full conditions.

Solution:

The Web Agent is no longer crashing.

SMUSERMSG Cookie is Not Set When the SMUSERMSG Attribute is Sent to a Re-architected Web Agent (36407)

Symptom:

The SMUSERMSG cookie is not being set when the SMUSERMSG attribute is sent to a re-architected Web Agent from the Policy Server via the Sm_AgentApi_Login() API call during authentication.

Solution:

The SMUSERMSG cookie is now being set.

One View Monitor Displaying Incorrect Version with Apache 2.0 Agent on Linux (36692)

Symptom:

One View Monitor displays version information correctly as "bAg" when using an Apache 2.0 Web Agent on the Linux platform.

Solution:

Version information is now being displayed correctly.

LogOffURI Functionality Different on IIS 6.0 and Apache 2.0 Agent (36768)

Symptom:

LogoffURI functionality is not the same as prior Web Agent versions on the IIS 6.0 and the Apache 2.0 Web Agent.

Solution:

LogoffURI is now functioning properly.

SMSESSION Cookie Not Being Cleared During Log Off (36964)

Symptom:

The SMSESSION cookie for the Cookie Provider is not cleared when an IIS 6.0 or Apache 2.0 Web Agent processes the LogoffURI in a different domain than the cookie provider domain.

Solution:

The SMSESSION cookie is now being removed.

Responses Are Not Being Logged with Percentages (37008, 37586)

Symptom:

The WebAgentTrace.log file is not showing responses with a percentage (%) in the response value. This affects all Web Agents except the IIS 6.0 and Apache 2.0 Agents.

Solution:

Percentages are now being logged for responses.

Web Agents Do Not Log BadUrl Characters Properly (37216)

Symptom:

Web Agents do not log the BadUrl characters properly. This affects IIS 6.0 and Apache 2.0 Web Agents.

Solution:

BadUrl characters are now being logged correctly.

Agent Mismatching URL Extensions to Credential Collectors (37335)

Symptom:

The Web Agent is mismatching URL extensions to FCC, NTC, CCC, SFCC, and SCC lists when parsing a URL.

Solution:

Mismatches are no longer a problem.

IIS 6.0 Web Agent Interferes with HTTP_HTTPSSECRETKEYSIZE Processing (37506)

Symptom:

The IIS 6.0 Web Agent interferes with HTTP_HTTPSSECRETKEYSIZE header variable processing.

Solution:

The IIS 6.0 Agent no longer interferes with the header processing.

Error Returned When Accessing Logout.fcc after Session Times Out or is Inactive (37576)

Symptom:

The Web Agent returns a 500 error when accessing the logout.fcc after a user session has timed out or if a user does not have an active session. This affects IIS 6.0 and Apache 2.0 Web Agents.

Solution:

An error is no longer being returned.

Web Agent Not Performing Exact URL Extension Match Against the Auto-authorize List (37685)

Symptom:

The Web Agent returns a 500 error when accessing the logout.fcc after a user session has timed out or if a user does not have an active session. This affects IIS 6.0 and Apache 2.0 Web Agents.

Solution:

An error is no longer being returned.

Web Agent Not Performing Exact URL Extension Match Against the Auto-authorize List (37685)

Symptom:

The IIS 6.0 and Apache 2.0 Web Agents fail to perform an exact URL extension match against values in the auto authorize list.

Solution:

These Web Agents now perform an exact URL match.

Web Agent Installation Does Not Recognize IBM HTTP Server on AIX (37754)

Symptom:

The Web Agent installation program was unable to recognize IBM HTTP Server on an AIX platform, causing the installation to fail.

Solution:

The installation can now recognize this platform.

Web Agent Sets Incorrect Value for SM_AUTHTYPE Header for SAML POST Profile Authentication (38117)

Symptom:

Upon authenticating a user with the SAML POST profile authentication scheme, the HTTP_SM_AUTHTYPE default header was being set to SAML Artifact.

Solution:

The string for this header has been changed to SAML Assertion to fit either artifact or POST profile authentication.

Traditional Web Agents Do Not Display Page if smnoredirect Value is in Authorization Request (38416)

Symptom:

The Web Agent will attempt to redirect the request instead of serving the requested page if the Authorization On-Accept-Redirect response contains the value smnoredirect.

Solution:

The Web Agent now ignores the redirect response and serves the requested page.

Note: IIS 6.0 and Apache 2.0 Web Agents do not support the fixed functionality; the requested page is still not displayed.

Log and Trace Files Do Not Rollover When Append Settings Are Disabled (38516)

Symptom:

The Web Agent fails to rollover log and trace files when the LogAppend and TraceAppend parameters are set to No. Instead, the Agent appends data to the existing files. This affects all Web Agents except IIS 6.0 and Apache 2.0.

Solution:

The Agent now rolls over the log and trace files.

Resources Protected by Forms Authentication May Cause Sun ONE Agent to Crash under Certain Load Conditions (38344)

Symptom:

On Sun ONE Web servers, Web Agents configured with the FCCCompatMode parameter set to yes may crash under certain load conditions when a user tries accessing resources protected by forms-based authentication. This affects all Web Agents except IIS 6.0 and Apache 2.0.

Solution:

The Web Agent no longer crashes under these conditions.

Logs Contain Unreadable Timestamps if the OS Language is Japanese (37675)

Symptom:

Web Agent logs contain timestamps with unreadable characters if the operating system language is set to Japanese.

Solution:

The timestamp now displays correctly.

Apache 1.x/AIX Child Process Crashes During POST Preservation (37988)

Symptom:

On an Apache 1.x Web server on an AIX platform, the Web server child process crashes during POST preservation if the server is configured with a Web Agent.

Solution:

Do *one* of the following:

- Upgrade the Apache Web server to version 1.3.33
- Apply IBM HTTP Server path PQ87084.

FCCCompatMode Enabled Causes Double Authentication if Web Server Root is Protected (38174)

Symptom:

If the Web Agent is configured with the FCCCompatMode parameter is set to yes, the Agent sends two authentication requests to the Policy Server if the Web server root is protected. This affects all Agents except IIS 6.0 and Apache 2.0.

Solution:

The Agent no longer sends two authentication requests.

Defects Fixed in 6.x QMR 1

This section contains defects that were fixed in SiteMinder 6.x QMR 1.

Agent on an IIS 6.0 Server Does Not Interoperate with Third-Party Filters (29623)

Symptom:

The IIS 6.0 Agent does not protect requests handled by third-party ISAPI filters installed on the same Web server.

If third-party filters are listed before the SiteMinder Web Agent ISAPI filter in the ISAPI filters list, the third-party may alter the URL before it is passed to the Web Agent, causing the Web Agent to consider the URL unprotected. The Agent will then not perform processing on the resource.

Solution:

Place the siteminderagent ISAPI filter before any third-party filter so that the Web Agent can perform any processing on the request before a third-party does any processing.

To change the filter order:

1. Open the IIS Manager.
2. Select Web Sites then right-click, and select Properties.
3. Select the ISAPI Filters tab.
4. Check the list of filters and ensure that siteminderagent is the first entry in the list. If it is not, use the Move Up button to place it at the top of the list.
5. Click OK.
6. Exit the IIS Manager.

Web Agent Not Redirecting to Alternate Forms Credential Collector (28200, 30903)

Symptom:

If a certificate or forms authentication scheme is configured with an alternate FCC URL, the Web Agent does not redirect to the alternate FCC for log-in if a certificate is not presented.

Solution:

The Web Agent now checks for an alternate FCC.

Apache 2.0 Agent Adds URL Strings to IgnoreURL Parameter (30584)

Symptom:

When the Apache 2.0 Web Agent is configured to have full URLs (not URIs) for the CSSErrorPage and ServerErrorPage parameters, it takes the URIs from these URLs and adds them to the IgnoreUrl parameter.

Solution:

The Web Agent is working as designed. The CSSErrorFile, ServerErrorFile, and ReqCookieErrorFile parameter values get added to the IgnoreUrl list purposely because if one of these errors occurs, the requested URL can be accessed without the Web Agent making authentication and authorization calls for these error URLs.

CGI Password Services Sending Clear Text to PWS.fcc (26943)

Symptom:

If the configured authentication scheme invokes CGI password Services, the password is sent in clear text to the pws.fcc file.

Solution:

The PWLogin.template file has been updated.

IIS 6.0 Web Agent Logs DefaultPassword Value (28462)

Symptom:

The value of the DefaultPassword parameter is being written to the log file for Web Agents installed on IIS 6.0 Web Server platforms.

Solution:

The password is no longer being logged.

IIS 6.0 Web Agent Restarts Unnecessarily (28527)

Symptom:

The IIS 6.0 Web Agent may cause the IIS 6.0 worker process to crash during a LogonUser attempt. This typically occurs when the SiteMinder WinNT directory used to authenticate the user has the Run in Authenticated User's Security Context option checked.

Solution:

This is no longer a problem.

IIS 6.0 Web Agent Incorrectly Returns Error Message for Certain URLs (28539)

Symptom:

The Web Agent installed on an IIS 6.0 Web Server platform was displaying the message, "The page cannot be displayed" if the URL had a space or was encoded with the character %20:

Solution:

This is no longer a problem.

IIS 6.0 Web Agent Does Not Redirect Properly for Passport Authentication (28590)

Symptom:

When Passport Authentication is configured for a Web Agent on an IIS 6.0 Web server, the Agent does not redirect users to the Passport challenge URL.

Solution:

Users are now redirected correctly to the Passport challenge URL.

Agent Requesting Identity Cookie without User Tracking Enabled (28760)

Symptom:

The Web Agent requests an SMIDENTITY cookie from the SiteMinder cookie provider even though user tracking is disabled in the global settings of the Policy Server User Interface.

Solution:

When user tracking is disabled, the Web Agent no longer requests the SMIDENTITY cookie.

Anonymous User Context Being Used for Authenticated Users (28762)

Symptom:

If the UseSessionForAnonymous parameter is set to yes and the Web Agent fails to validate a session for an authenticated user, the anonymous user context is used for that user's request to access anonymous realms and for subsequent requests.

Solution:

The proper user context is now being used for authenticated users when accessing anonymous realms.

Users Not Re-prompted for Credentials with Cert and Basic Authentication (28765)

Symptom:

If a user enters an incorrect ID or password when accessing a resource protected by the Cert and Basic authentication scheme, the Web Agent returns a 403 error instead of re-prompting user to enter basic credentials.

Solution:

The Web Agent now prompts the user again if incorrect credentials are entered.

Sun ONE and Apache Agents on UNIX Are Failing Under Heavy Load (29023)

Symptom:

For Sun ONE or Apache Web Servers on UNIX platforms, Web Agent child processes are intermittently crashing under heavy concurrent traffic loads.

Solution:

This is no longer a problem.

Web Agent Not Using Basic Credentials When Certificate Credentials Fail (29277)

Symptom:

If a resource is protected with the Cert or Basic authentication scheme, the Web Agent does not authenticate the user with the basic credentials after the certificate credentials fail.

Solution:

The Web Agent is now accepting username and password to authenticate a user if certificate credentials fail.

Web Agent Fails When it Cannot Read the trace.conf File (29220)

Symptom:

The Web Agent fails when it cannot read the trace.conf file.

Solution:

This is no longer a problem.

Single Sign-on Problems When Domino Web Agent Exists in an Environment with Multiple Agents (29495)

Symptom:

The Domino Web Agent corrupts the userDN and causes single sign-on failures when multiple Web Agents are installed in one environment.

Solution:

The Domino Web Agent can process single sign-on requests in a configuration of multiple Web Agents.

Domino Web Agent Not passing the Domino UNID (29522)

Symptom:

If the Web Agent parameter ForceFQHost is set to yes, and a user requests a Notes document, the Domino Web Agent passes a standard URL to the Notes server instead of passing the URL containing the document's Domino UNID unique identifier (UNID).

Solution:

The Domino Web Agent now passes the Domino UNID for a Notes resource request when the ForceFQHost parameter is enabled.

Conflict for the Web Agent with WebSphere and ServletExec 5.0 on the Same Web Server (29623)

Symptom:

The IIS 6.0 Web Agent does not protect requests handled by WebSphere 5.0 or ServletExec 5.0 plug-ins installed on the same Web server.

Solution:

This is no longer a problem, but there are some restrictions regarding this issue.

The IIS 6.0 Web Agent consists of an ISAPI filter and an ISAPI extension. The majority of Web Agent processing occurs in the extension, following Microsoft IIS development guidelines.

These guidelines specify that for the IIS 6.0 Web server, the ISAPI filters should be used for filtering requests and the ISAPI extensions should be used to process and/or redirect requests.

When the Web Agent is installed on an IIS 6.0 Web Server, the Agent has the following restrictions:

- The Web Agent filter and Web Agent extension must be configured to run before other third-party filters installed on the Web server.
- The Web Agent must be configured as the first wildcard application map if it is going to protect applications running as or spawned by an ISAPI extension.
- The IIS 6.0 Web server does not enforce how third-party filters and extensions behave. IIS 6.0 processes ISAPI filters before calling ISAPI extensions, including the Web Agent extension. Therefore, the SiteMinder Web Agent for IIS 6.0 is unable to authenticate or authorize access to applications, implemented as pure ISAPI filters. This limitation impacts Web Agent integration with other third-party offerings for this IIS 6.0 Web server, if those offerings are implemented as ISAPI filters that process and/or redirect the request before ISAPI extensions are called.

Agent Not Encoding ReturnURL for Passport-protected Resource (29809)

Symptom:

If a user is accessing a resource protected by the Passport authentication scheme, the IIS Web Agent is not URL-encoding the ReturnURL parameter before redirecting the user to the Microsoft Passport site.

Solution:

The Web Agent is now properly encoding the ReturnURL parameter.

IIS 6.0 Agent Not Preserving Header values (29928)

Symptom:

The IIS 6.0 Web Agent does not preserve header values when the PreserveHeaders parameter is set to yes.

Solution:

The Agent is now preserving headers when configured to do so.

Apache/Linux Agent Generating Segment Faults Under Load (30014)

Symptom:

The Apache Web Agent on a Linux system produces child process segment faults under load.

Solution:

The Apache Web Agent is no longer generating segment faults when there is a heavy traffic load.

Web Agent at Producer Site Returns Only 2K of Response Data (30142)

Symptom:

A Web Agent installed at a producer site in a SiteMinder federated network does not return more than 2K of response data to the 4.x Affiliate Agent at a consumer site.

Solution:

This response data limitation is no longer an issue.

Web Agent Fails to Notify Cookie Provider with an OnAuthRedirect Reponse Set (29918)

Symptom:

The Web Agent fails to notify the cookie provider if an OnAuthRedirect response is configured. This issue affects Web Agents on all Web server platforms except IIS 6.0.

Solution:

The Web Agent now notifies the cookie provider when the OnAuthRedirect response is set.

Agent Reporting Log-in Failure with FCCCompatMode Disabled (30002)

Symptom:

For Sun ONE and Apache Agents on UNIX systems, setting the FCCCompatMode parameter to no causes the Web Agent to return log-in failures with the message "failed to resolve realm."

Solution:

The Agent no longer returns log-in failure messages.

Agent Error for Virtual Servers in the Same Agent Name (30292)

Symptom:

For Agents on all Web servers except IIS 6.0, the Agent returns an error with the following configuration:

- Two virtual servers share the same Agent name.
- The cookie provider is configured using one of the virtual server's domains.
- The SessionGracePeriod parameter is greater than 0.

Solution:

This configuration no longer generates errors.

Web Agent on IIS 6.0 Has Size Limit for Uploading Files (30391)

Symptom:

The Web Agent installed on an IIS 6.0 Web server has a size limit of 2.5 MB for uploading files.

Solution:

To upload files that are larger than this limit, do the following:

1. Create the new DWORD registry key in SOFTWARE\Netegrity\SiteMinder Web Agent\Microsoft IIS called MaxRequestAllowed.
2. Set this value to the desired file size limit.

The value of this key overrides the default limit. If the value of this key is less than or equal to 0, then the default of 2.5 MB will be used.

Note: The IIS 6.0 Web server has its own size limit. Changing the Web Agent's limit will not affect the IIS 6.0 limit. If you want to change the IIS 6.0 server's limit, refer to Microsoft IIS 6.0 documentation.

Single Sign-on Fails When Users Change Realms with Different Session Idle Time Values (30472)

Symptom:

The Web Agent fails to provide single sign-on if a user goes from a realm with a session idle time greater than 0 to a realm with a session idle time equal to 0. This affects Agents for all Web servers except 6.0.

Solution:

Single sign-on is now maintained as the user travels across realms with different session idle times.

Safeword Authentication Scheme Not Supporting Multiple Authenticators (30299)

Symptom:

The Safeword authentication scheme does not work with multiple Safeword authenticators.

Solution:

This is no longer a problem.

Forms Credential Collector Not Including Domain for Relative URI (30543)

Symptom:

The forms credential collector (FCC) does not include the domain if the TARGET value is a relative URI. This issue affects Web Agents on all Web servers except IIS 6.0

Solution:

The FCC now includes the domain for relative URIs.

IIS 6.0 Web Agent Cannot Resolve Agent Name (30943)

Symptom:

The IIS 6.0 Web Agent is unable to resolve the Agent name.

Solution:

The IIS 6.0 Web Agent can now resolve the Agent name.

Domino Server Logs Improper Calls to DSAPI setHeader Function (31127)

Symptom:

The Domino Web server logs improper calls to DSAPI setHeader function when the Web Agent is installed.

Solution:

The Domino Web server is no longer logging improper calls.

Chapter 8: International Support

An *internationalized* product is an English product that runs correctly on local language versions of the required operating system and required third-party products, and supports local language data for input and output. Internationalized products also support the ability to specify local language conventions for date, time, currency and number formats.

A *translated* product (sometimes referred to as a *localized* product) is an internationalized product that includes local language support for the product's user interface, online help and other documentation, as well as local language default settings for date, time, currency, and number formats.

SiteMinder has been internationalized and localized to the extent indicated in the platform support matrix for SiteMinder r6.0 SP6.

Chapter 9: Documentation

This section contains the following topics:

[SiteMinder Bookshelf](#) (see page 157)

[Release Numbers on Documentation](#) (see page 157)

SiteMinder Bookshelf

You can find complete information about SiteMinder by installing the SiteMinder bookshelf. The SiteMinder bookshelf lets you:

- Use a single console to view all documents published for SiteMinder.
- Use a single alphabetical index to find a topic in any document.
- Search all documents for one or more words.

SiteMinder product documentation is installed separately. We recommend that you install the documentation before beginning the installation process.

Documentation installation programs are available for download from the [CA Technical Support site](#).

Release Numbers on Documentation

The release number on the title page of a document does not always correspond to the current product release number; however, all documentation delivered with the product, regardless of release number on the title page, supports the current product release.

The release number changes only when a significant portion of a document changes to support a new or updated product release. If no substantive changes are made to a document, the release number does not change. For example, a document for r12 can still be valid for r12 SP1. Documentation bookshelves always reflect the current product release number.

Occasionally, we must update documentation outside of a new or updated release. To indicate a minor change to the documentation that does not invalidate it for any releases that it supports, we update the edition number on the cover page. First editions do not have an edition number.